

HIKVISION®

EasyIP Solutions

SIMPLE AND POWERFUL
THE EASIER JOURNEY TO BETTER SECURITY
HIKVISION EasyIP SOLUTIONS

EasyIP SOLUTIONS

Video surveillance does not have to be complex. Technological advancements in every corner of our lives is becoming more and more simplified and user friendly. And it's true in security, too.

What makes the best security system? The right components in the right places. And for the small to medium sized business with budget and time restrictions, Hikvision has got the right solutions. The EasyIP 3.0 and EasyIP 2.0+ Solutions. For those who know the earlier EasyIP versions, this is the go-to, out-of-the-box system. It gets the job done with stable, reliable components and advanced features from the industry's number one worldwide solutions provider.

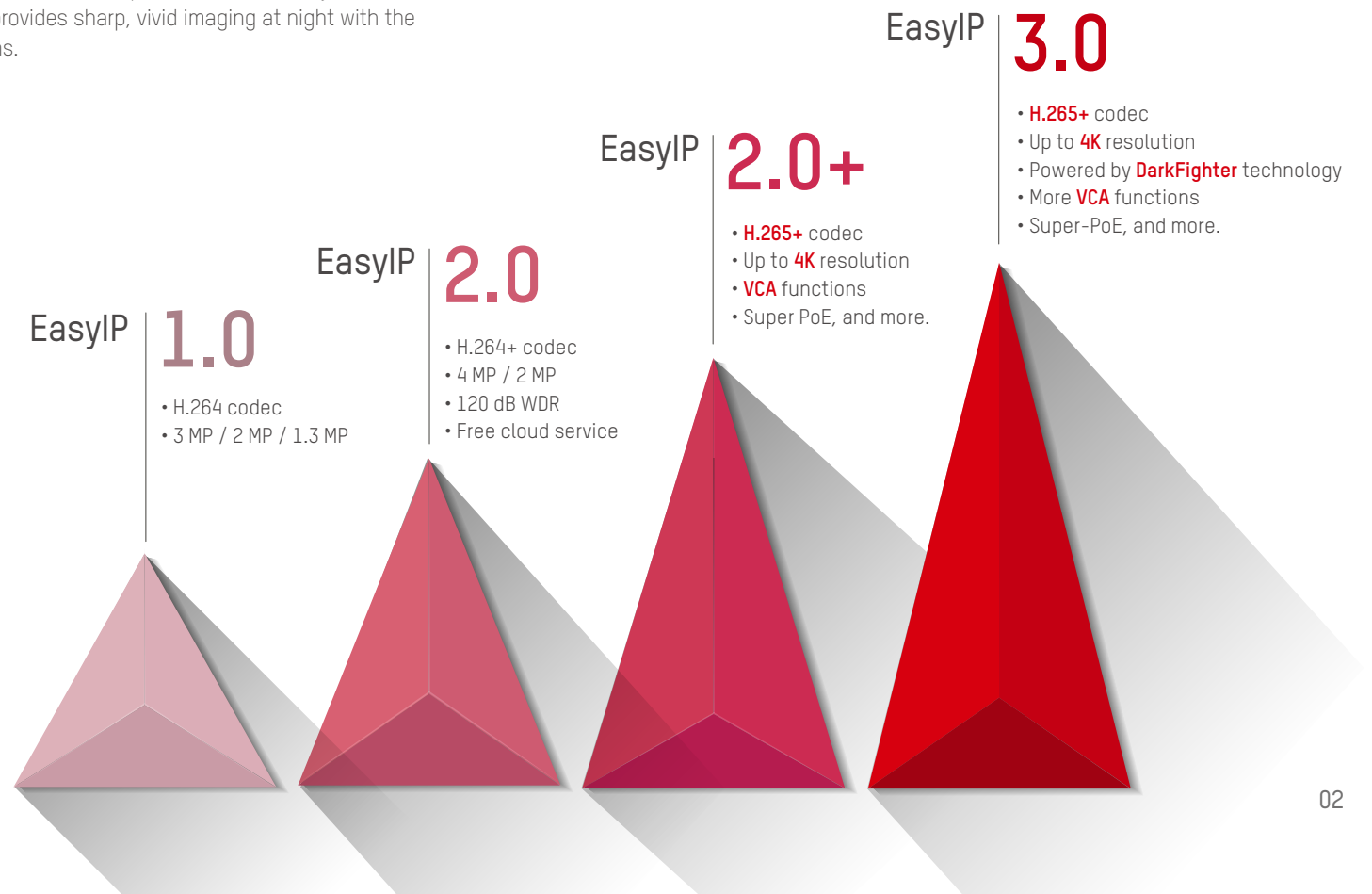
The EasyIP Solutions from Hikvision is truly the easier way to better security. Keep reading to see all the benefits EasyIP offers.



In 2012, Hikvision launched the first iteration of the EasyIP Solution, making a significant impact on the industry. EasyIP 1.0 employed the H.264 codec and offered 1.3, 2, and 3 MP cameras. Security professionals around the world took advantage of this cost-effective and easy-to-install system, pleasing many customers.

Hikvision responded to the increased demand for this renowned solution, applying more advanced technologies in 2014. The result was EasyIP 2.0, utilizing the H.264+ codec, and this time offering 2 and 4 MP cameras. More than that, the 2.0 version carried 120 dB Wide Dynamic Range cameras and free cloud service, opening up new possibilities and extending system management. But Hikvision was not finished.

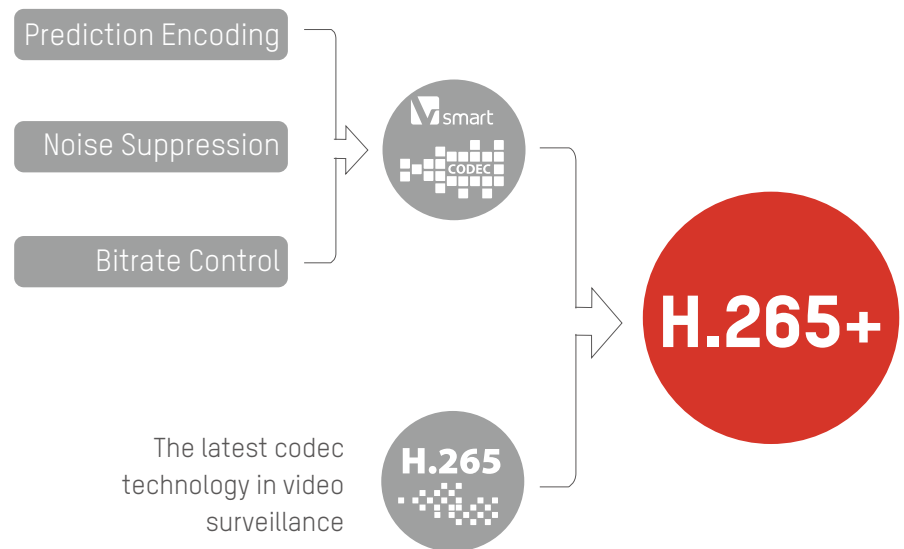
Now, with the latest EasyIP 2.0+ and EasyIP 3.0, the best SMB solution just got better! Both solutions feature the H.265+ codec, a signature compression technology that cuts down bandwidth and maximizes resources, up to 4K resolution, and super PoE that carries your video even further. What's more, the EasyIP 3.0 solution provides sharp, vivid imaging at night with the DarkFighter technology and even more VCA functions.



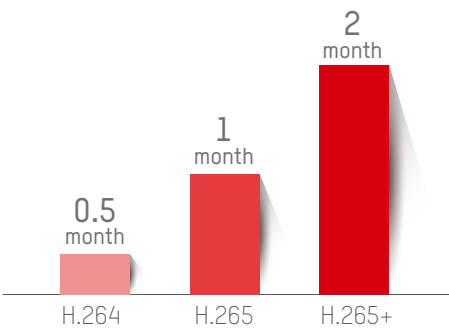
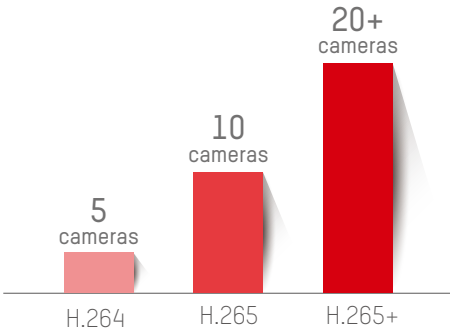
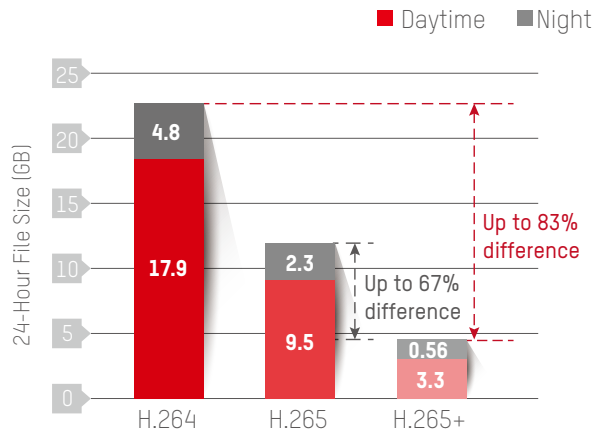


H.265+

If you could cut down bandwidth, decrease data storage requirements, and improve overall system performance with one reliable, advanced codec, you would save time, money, and resources. Why would you say no? Tested and proven, Hikvision's signature compression technology does all this – and more. Boost resolutions to ultra-high 4K and get the most precise imaging available. Here's how it works.



Remarkable reduction of bandwidth and storage



24-Hour recording file size (GB) comparing H.264, H.265, and H.265+
*Data was tested in a common scene; for reference only.

 20 MB Broadband Network 

 Eight 2-MP cameras
 5TB HDDs

4K

Recently, ultra-high-definition surveillance cameras introduced 4K resolution to the security industry. However, 4K resolution has yet to achieve wide application, mainly because of the tremendous bandwidth and data storage requirements. The H.265+ codec optimizes data efficiency and makes 4K video surveillance possible. Every pixel comes to life with vivid clarity.



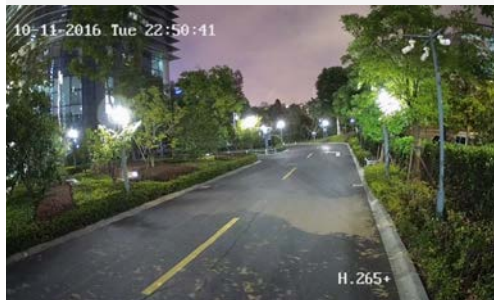
POWERED BY DarkFighter

Turn night into day!
Even faces can be clearly identified.

Better color imaging at night



Captured with an H.264 camera



Captured with an EasyIP 3.0 2 MP camera

Capture vivid color in scenes with very weak light



Captured with an H.264 camera



Captured with an EasyIP 3.0 2 MP camera

Color image in a weak-light outdoor scene



Captured with an iPhone7 Plus



Captured with an EasyIP 3.0 2 MP camera

** High definition DarkFighter is available with EasyIP 3.0 Series only.*

VCA

Video Content Analytics is no longer reserved only for enterprise level security systems. The EasyIP solution brings VCAs into reach for SMB security, too. Staff can use the Smart Search tool for Alarm event and VCA detection, and the Smart Playback function to replay footage capturing

line-crossing, intrusions, and faces. Alarm triggering and investigation are further enhanced with object removal and unattended baggage detection as well.

More VCA functions improve the system efficiency



Line crossing
detection



Intrusion
detection



Face
detection



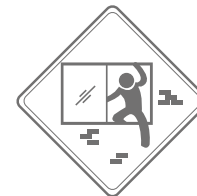
Unattended baggage
detection



Object removal
detection



Alarm
event

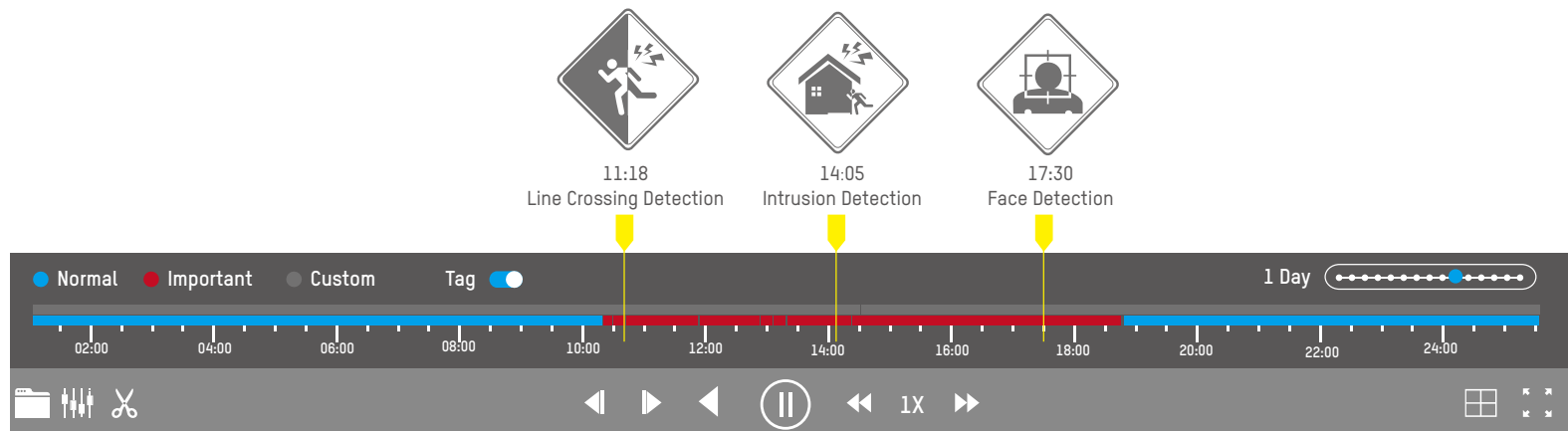


VCA
detections

Network Cameras

NVRs

■ EasyIP 3.0
■ EasyIP 2.0+ / 3.0



Smart Search and Playback

Super PoE

The EasyIP 3.0 Solutions are also the easier way to get better video surveillance to and from the most important locations. While traditional PoE travels only 100 meters, these solutions feature Super PoE—upgraded power-over-Ethernet—transmitting both power and data over the same cable up to 300 meters (using 802.3af, CAT.6).



Network Cameras



NVRs

OTHER FEATURES

Designed for state-of-the-art performance with easier installation, our solutions come armed with reliable components and robust protections. With automatic network backup features and simple Internet connection services, a vigorous security system goes into operation quickly—and stays that way.

- Designed for easier installation

- 120 dB WDR (Wide Dynamic Range)

- EXIR 2.0

- Triple-stream

- On-board storage

- IP67, IP66, & IK10 protection

- ANR (Automatic Network Replenishment)

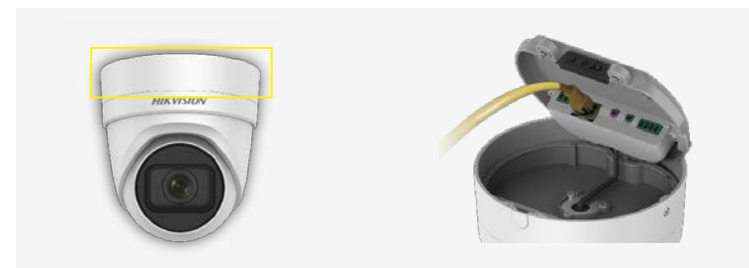
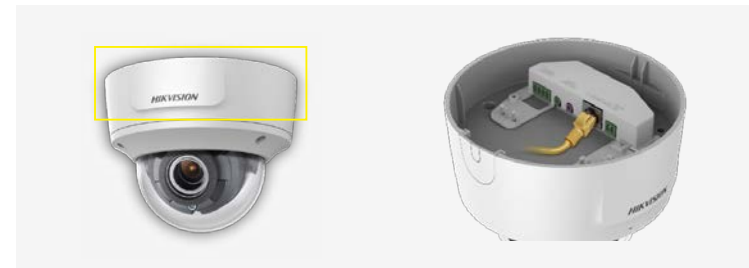
- Dual system backup (NVR)

- IP address automatic allocation

- Free Hik-connect cloud service

► Designed for easier installation

- Integrated, hidden junction box
- Pluggable interface; no "pigtail" cables



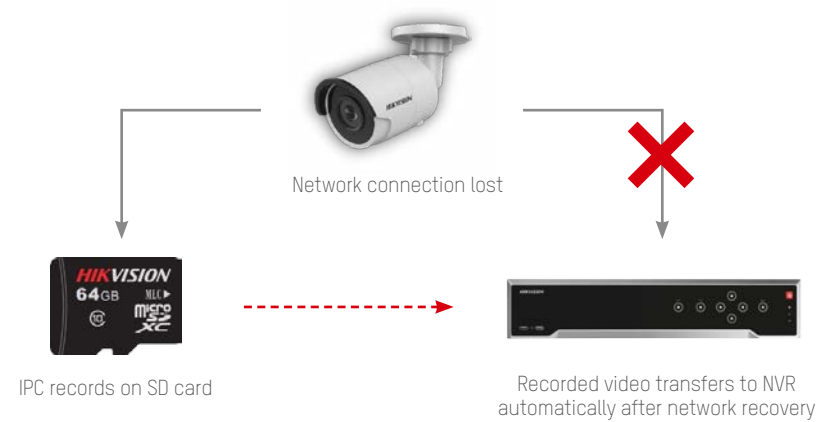
► 120 dB Wide Dynamic Range



► EXIR 2.0



► Automatic Network Replenishment



► Dual System Backup (NVRs)

Once NVR does not start up normally under the 1st system, the backup system will take over. It ensures the NVR always can start up with this dual system industry design.



NETWORK CAMERA

EasyIP 3.0



Model	DS-2CD2025FHWD-I	DS-2CD2025FWD-I	DS-2CD2045FWD-I	DS-2CD2055FWD-I	DS-2CD2085FWD-I
					
Resolution	2MP	2MP	4MP	5MP	8MP
Min.Illumination	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.009 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	-	-	-	-	-
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	-	-	-	-	-
Alarm Support	-	-	-	-	-
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5W	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5W	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5W	12 VDC ± 25%, 6W PoE(802.3af, class 3), 7W	12 VDC ± 25%, 7W PoE(802.3af, class 3), 7.5W
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2125FHWD-I	DS-2CD2125FHWD-IS	DS-2CD2125FWD-I	DS-2CD2125FWD-IS	DS-2CD2145FWD-I
					
Resolution	2MP	2MP	2MP	2MP	4MP
Min.Illumination	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.009 lux @(F1.2, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	IK10	IK10	IK10	IK10	IK10
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	-	1 in,1 out	-	1 in,1 out	-
Alarm Support	-	1 in,1 out	-	1 in,1 out	-
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5W	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5W	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5W	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5W	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5W
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2145FWD-IS	DS-2CD2155FWD-I	DS-2CD2155FWD-IS	DS-2CD2185FWD-I	DS-2CD2185FWD-IS
					
Resolution	4MP	5MP	5MP	8MP	8MP
Min.Illumination	Color: 0.009 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm
Sensor	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection
Frame Rate	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	IK10	IK10	IK10	IK10	IK10
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	1 in,1 out	-	1 in,1 out	-	1 in,1 out
Alarm Support	1 in,1 out	-	1 in,1 out	-	1 in,1 out
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5W	12 VDC ± 25%, 6.2 W PoE(802.3af, class 3), 9 W	12 VDC ± 25%, 6.2 W PoE(802.3af, class 3), 9 W	12 VDC ± 25%, 6.2W PoE(802.3af, class 3), 9W	12 VDC ± 25%, 6.2W PoE(802.3af, class 3), 9W
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2T25FHWI-I5	DS-2CD2T25FHWI-I8	DS-2CD2T25FWD-I5	DS-2CD2T25FWD-I8	DS-2CD2T45FWD-I5
					
Resolution	2MP	2MP	2MP	2MP	4MP
Min.Illumination	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.009 lux @(F1.2, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	-	-	-	-	-
IR Distance	up to 50 m	up to 80 m	up to 50 m	up to 80 m	up to 50 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	-	-	-	-	-
Alarm Support	-	-	-	-	-
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, PoE(802.3af 36 – 57 V, class 3)	12 VDC ± 25%, PoE(802.3af 36 – 57 V, class 3)	12 VDC ± 25%, PoE(802.3af 36 – 57 V, class 3)	12 VDC ± 25%, PoE(802.3af 36 – 57 V, class 3)	12 VDC ± 25%, 7.5W; PoE, 9.5W
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2T45FWD-I8	DS-2CD2T55FWD-I5	DS-2CD2T55FWD-I8	DS-2CD2T85FWD-I5	DS-2CD2T85FWD-I8
					
Resolution	4MP	5MP	5MP	8MP	8MP
Min.Illumination	Color: 0.009 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm
Sensor	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection
Frame Rate	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	-	-	-	-	-
IR Distance	up to 80 m	up to 50 m	up to 80 m	up to 50 m	up to 80 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	-	-	-	-	-
Alarm Support	-	-	-	-	-
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, 10 W; PoE, 12.5W	12 VDC ± 25%, PoE(802.3af 36 – 57 V, class 3)	12 VDC ± 25%, PoE(802.3af 36 – 57 V, class 3)	12 VDC ± 25%, PoE(802.3af 36 – 57 V, class 3)	12 VDC ± 25%, PoE(802.3af 36 – 57 V, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2325FHWD-I	DS-2CD2325FWD-I	DS-2CD2345FWD-I	DS-2CD2355FWD-I	DS-2CD2385FWD-I
					
Resolution	2MP	2MP	4MP	5MP	8MP
Min.Illumination	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.009 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm	2.8mm, 4mm, 6mm ,8mm,12mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	-	-	-	-	-
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	-	-	-	-	-
Alarm Support	-	-	-	-	-
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, 6W PoE(802.3af, 36 – 57V, class 3), 7W	12 VDC ± 25%, 6W PoE(802.3af, 36 – 57V, class 3), 7W	12 VDC ± 25%, 6W PoE(802.3af, 36 – 57V, class 3), 7W	12 VDC ± 25%, 6W PoE(802.3af, 36 – 57V, class 3), 7W	12 VDC ± 25%, 6W PoE(802.3af, 36 – 57V, class 3), 7W
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2425FWD-I	DS-2CD2425FWD-IW	DS-2CD2445FWD-I	DS-2CD2445FWD-IW	DS-2CD2455FWD-I	DS-2CD2455FWD-IW
						
Resolution	2MP	2MP	3MP	3MP	5MP	5MP
Min.Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8 mm	2.8 mm	2.8mm	2.8mm	2.8 mm	2.8 mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2048 × 1536, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2048 × 1536, 1920 × 1080, 1280 × 720)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	-	-	-	-	-	-
Vandal Proof	-	-	-	-	-	-
IR Distance	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m
Indoor/ Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Audio Support	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker
Alarm Support	-	-	-	-	-	-
Local Storage	128G	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0	0
Power Supply	12 VDC ± 20%, PoE (802.3af, class 3)	12 VDC ± 20%, PoE (802.3af, class 3)	12 VDC ± 20%, PoE (802.3af, class 3)	12 VDC ± 20%, PoE (802.3af, class 3)	12 VDC ± 20%, PoE (802.3af, class 3)	12 VDC ± 20%, PoE (802.3af, class 3)
Work Temperature	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)

Model	DS-2CD2525FHWD-I	DS-2CD2525FHWD-IS	DS-2CD2525FHWD-IWS	DS-2CD2525FWD-I	DS-2CD2525FWD-IS	DS-2CD2525FWD-IWS
						
Resolution	2MP	2MP	2MP	2MP	2MP	2MP
Min.Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP66	IP66	IP66	IP66	IP66	IP66
Vandal Proof	IK08	IK08	IK08	IK08	IK08	IK08
IR Distance	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support		1 in, 1 out	1 in, 1 out		2 in, 1 out	2 in, 1 out
Alarm Support		1 in, 1 out	1 in, 1 out		1 in, 1 out	1 in, 1 out
Local Storage	128G	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0	0
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2545FWD-I	DS-2CD2545FWD-IW	DS-2CD2545FWD-IWS	DS-2CD2555FWD-I	DS-2CD2555FWD-IS	DS-2CD2555FWD-IWS
						
Resolution	4MP	4MP	4MP	5MP	5MP	5MP
Min.Illumination	Color: 0.009 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.009 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.009 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection
Frame Rate	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP66	IP66	IP66	IP66	IP66	IP66
Vandal Proof	IK08	IK08	IK08	IK08	IK08	IK08
IR Distance	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	-	-	2 in,1 out	-	2 in,1 out	2 in,1 out
Alarm Support	-	-	1 in,1 out	-	1 in,1 out	1 in,1 out
Local Storage	128G	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0	0
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)
Work Temperature	30 °C to +60 °C (-22 °F to +140 °F)	30 °C to +60 °C (-22 °F to +140 °F)	30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2625FHW-IZS(2.8-12mm)	DS-2CD2625FWD-IZS(2.8-12mm)	DS-2CD2645FWD-IZS(2.8-12mm)	DS-2CD2655FWD-IZS(2.8-12mm)	DS-2CD2685FWD-IZS(2.8-12mm)
					
Resolution	2MP	2MP	4MP	5MP	8MP
Min.Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	IK10	IK10	IK10	IK10	IK10
IR Distance	Up to 50 m	Up to 50 m	Up to 50 m	Up to 50 m	Up to 50 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm Support	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, PoE (802.3at) Terminal block for DC input	12 VDC ± 25%, PoE (802.3at) Terminal block for DC input	12 VDC ± 25%, PoE (802.3at) Terminal block for DC input	12 VDC ± 25%, PoE (802.3at) Terminal block for DC input	12 VDC ± 25%, PoE (802.3at) Terminal block for DC input
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2725FHDW-IZS(2.8-12mm)	DS-2CD2725FHDW-IZS(2.8-12mm)	DS-2CD2745FHDW-IZS(2.8-12mm)	DS-2CD2755FHDW-IZS(2.8-12mm)	DS-2CD2785FHDW-IZS(2.8-12mm)
					
Resolution	2MP	2MP	4MP	5MP	8MP
Min.Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	IK10	IK10	IK10	IK10	IK10
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm Support	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2H25FHWD-IZS(2.8-12mm)	DS-2CD2H25FWD-IZS(2.8-12mm)	DS-2CD2H45FWD-IZS(2.8-12mm)	DS-2CD2H55FWD-IZS(2.8-12mm)	DS-2CD2H85FWD-IZS(2.8-12mm)
					
Resolution	2MP	2MP	4MP	5MP	8MP
Min.Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.009 lux @(F1.2, AGC ON), 0 lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25Fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	IK10	IK10	IK10	IK10	IK10
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	1 in,1 out	1 in,1 out	1 in,1 out	1 in,1 out	1 in,1 out
Alarm Support	1 in,1 out	1 in,1 out	1 in,1 out	1 in,1 out	1 in,1 out
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2935FWD-I	DS-2CD2935FWD-IS	DS-2CD2955FWD-I	DS-2CD2955FWD-IS
				
Resolution	3MP	3MP	5MP	5MP
Min.Illumination	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR on	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR on	Color: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR on	Color: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR on
WDR	120dB	120dB	120dB	120dB
Lens focal	1.16 mm	1.16 mm	1.05 mm	1.05 mm
Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Motion detection, dynamic analysis, intrusion detection, line crossing detection	Motion detection, dynamic analysis, intrusion detection, line crossing detection	Motion detection, dynamic analysis, intrusion detection, line crossing detection	Motion detection, dynamic analysis, intrusion detection, line crossing detection
Frame Rate	50Hz:25fps (2048 × 1536, 1600 × 1200, 1280 × 960) 60Hz:30fps (2048 × 1536, 1600 × 1200, 1280 × 960)	50Hz:25fps (2048 × 1536, 1600 × 1200, 1280 × 960) 60Hz:30fps (2048 × 1536, 1600 × 1200, 1280 × 960)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1280 × 960) 60Hz: 30fps (2560 × 1920, 2048 × 1536, 1280 × 960)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1280 × 960) 60Hz: 30fps (2560 × 1920, 2048 × 1536, 1280 × 960)
Streams	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	-	-	-	-
Vandal Proof	-	-	-	-
IR Distance	Up to 8 m	Up to 8 m	Up to 8 m	Up to 8 m
Indoor/ Outdoor	Indoor	Indoor	Indoor	Indoor
Audio Support	-	1 in,1 out	-	1 in,1 out
Alarm Support	-	1 in,1 out	-	1 in,1 out
Local Storage	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0
Power Supply	DC 12V ± 25%, 2A, 4.8W PoE(802.3af 36-57V, class 3), 0.4 - 0.7 A, 6.4W	DC 12V ± 25%, 2A, 4.8W PoE(802.3af 36-57V, class 3), 0.4 - 0.7 A, 6.4W	DC 12V ± 25%, 2A, 5W PoE(802.3af 36-57V, class 3), 0.4 - 0.7 A, 6.7W	DC 12V ± 25%, 2A, 5W PoE(802.3af 36-57V, class 3), 0.4 - 0.7 A, 6.7W
Work Temperature	-10 °C to +50 °C (-14 °F to +122 °F)	-10 °C to +50 °C (-14 °F to +122 °F)	-10 °C to +50 °C (-14 °F to +122 °F)	-10 °C to +50 °C (-14 °F to +122 °F)

NETWORK CAMERA

EasyIP 2.0+



Model	DS-2CD202360-I	DS-2CD204360-I	DS-2CD206360-I	DS-2CD208360-I	DS-2CD212360-I
					
Resolution	2MP	4MP	6MP	8MP	2MP
Min.Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm
Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	-	-	-	-	IK10
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	-	-	-	-	-
Alarm Support	-	-	-	-	-
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD212360-IS	DS-2CD214360-I	DS-2CD214360-IS	DS-2CD216360-I	DS-2CD216360-IS
					
Resolution	2MP	4MP	4MP	6MP	6MP
Min.Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm
Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz:25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	IK10	IK10	IK10	IK10	IK10
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	1 in,1 out	-	1 in,1 out	-	1 in,1 out
Alarm Support	1 in,1 out	-	1 in,1 out	-	1 in,1 out
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD218360-I	DS-2CD218360-IS	DS-2CD2T2360-IS	DS-2CD2T2360-I8	DS-2CD2T4360-IS
					
Resolution	8MP	8MP	2MP	2MP	4MP
Min.Illumination	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.05:0.2001 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm
Sensor	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, Intrusion detection, Face detection,	Line crossing detection, Intrusion detection, Face detection,	Line crossing detection, Intrusion detection, Face detection,
Frame Rate	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3
Codec Type	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+,H.265,H.264+,H.264,MJPEG	H.265+,H.265,H.264+,H.264,MJPEG	H.265+,H.265,H.264+,H.264,MJPEG
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	IK10	IK10	-	-	-
IR Distance	Up to 30 m	Up to 30 m	up to 50m	up to 80m	up to 50m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	-	1 in,1 out	-	-	-
Alarm Support	-	1 in,1 out	-	-	-
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)

Model	DS-2CD2T4360-I8	DS-2CD2T6360-I5	DS-2CD2T6360-I8	DS-2CD2T8360-I5	DS-2CD2T8360-I8
					
Resolution	4MP	6MP	6MP	8MP	8MP
Min.Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.018 Lux @(F1.6, AGC ON), 0 Lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm
Sensor	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Line crossing detection, Intrusion detection, Face detection,	Line crossing detection, Intrusion detection, Face detection,	Line crossing detection, Intrusion detection, Face detection,	Line crossing detection, Intrusion detection, Face detection,	Line crossing detection, Intrusion detection, Face detection,
Frame Rate	50Hz: 25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265+,H.265,H.264+,H.264,MJPEG	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	-	-	-		
IR Distance	up to 80m	up to 50m	up to 80m	up to 50m	up to 80m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	-	-	-		
Alarm Support	-	-	-		
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5mm coaxial power plug PoE(802.3af, class 3)	12 VDC ± 25%, Ø 5.5mm coaxial power plug PoE(802.3af, class 3)	12 VDC ± 25%, Ø 5.5mm coaxial power plug PoE(802.3af, class 3)	12 VDC ± 25%, Ø 5.5mm coaxial power plug PoE(802.3af, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)

Model	DS-2CD2323G0-I	DS-2CD2343G0-I	DS-2CD2363G0-I	DS-2CD2383G0-I	DS-2CD2423G0-IW
					
Resolution	2MP	4MP	6MP	8MP	2MP
Min.Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.009 lux @(F1.6, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8mm, 4mm, 6mm ,8mm	2.8 mm
Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	-
Vandal Proof					-
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	10 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor
Audio Support					1 in,1 out
Alarm Support					-
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 25%, Ø 5.5 mm coaxial power plug PoE (802.3af, class 3)	12 VDC ± 20%, PoE (802.3af, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-10 °C to +40 °C (14 °F to +104 °F)

Model	DS-2CD244360-IW	DS-2CD246360-IW	DS-2CD252360-I	DS-2CD252360-IW	DS-2CD252360-IS
					
Resolution	4MP	6MP	2MP	2MP	2MP
Min.Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR; Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8 mm	2.8 mm	2.8, 4, 6 mm	2.8, 4, 6 mm	2.8, 4, 6 mm
Sensor	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	-	-	IP66	IP66	IP66
Vandal Proof	-	-	IK08	IK08	IK08
IR Distance	10 m	10 m	Up to 10 m	Up to 10 m	Up to 10 m
Indoor/ Outdoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor
Audio Support	1 in, 1 out	1 in, 1 out	-	-	2 in, 1 out
Alarm Support	-	-	-	-	1 in, 1 out
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 20%, PoE (802.3af, class 3)	12 VDC ± 20%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)
Work Temperature	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2523G0-IWS	DS-2CD2543G0-I	DS-2CD2543G0-IW	DS-2CD2543G0-IS	DS-2CD2543G0-IWS
					
Resolution	2MP	4MP	4MP	4MP	4MP
Min.Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8, 4, 6 mm	2.8, 4, 6 mm	2.8, 4, 6 mm	2.8, 4, 6 mm	2.8, 4, 6 mm
Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25fps (2688x1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688x1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz:25fps (2688x1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688x1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz:25fps (2688x1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688x1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz:25fps (2688x1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688x1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP66	IP66	IP66	IP66	IP66
Vandal Proof	IK08	IK08	IK08	IK08	IK08
IR Distance	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	2 in,1 out	-	-	2 in,1 out	2 in,1 out
Alarm Support	1 in,1 out	-	-	1 in,1 out	1 in,1 out
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD256360-I	DS-2CD256360-IW	DS-2CD256360-IS	DS-2CD256360-IWS	DS-2CD262360-IZS(2.8-12mm)
					
Resolution	6MP	6MP	6MP	6MP	2MP
Min.Illumination	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8, 4, 6 mm	2.8, 4, 6 mm	2.8, 4, 6 mm	2.8, 4, 6 mm	2.8mm-12 mm
Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP66	IP66	IP66	IP66	IP67
Vandal Proof	IK08	IK08	IK08	IK08	IK10
IR Distance	Up to 10 m	Up to 10 m	Up to 10 m	Up to 10 m	Up to 50 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support		-	2 in,1 out	2 in,1 out	1 in,1 out
Alarm Support		-	1 in,1 out	1 in,1 out	1 in,1 out
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, terminal block PoE (802.3at, class 4)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD2643G0-IZS(2.8-12mm)	DS-2CD2663G0-IZS(2.8-12mm)	DS-2CD2683G0-IZS(2.8-12mm)	DS-2CD2723G0-IZS(2.8-12mm)	DS-2CD2743G0-IZS(2.8-12mm)
					
Resolution	4MP	6MP	8MP	2MP	4MP
Min.Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm-12 mm	2.8mm-12 mm	2.8mm-12 mm	2.8mm-12 mm	2.8mm-12 mm
Sensor	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection	Line crossing detection, intrusion detection,face detection
Frame Rate	50Hz:25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3
Codec Type	H.265/H.264/MJPEG/H.264+/H.265+	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
IPxx	IP67	IP67	IP67	IP67	IP67
Vandal Proof	IK10	IK10	IK10	IK10	IK10
IR Distance	Up to 50 m	Up to 50 m	Up to 50 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	1 in,1 out	1 in,1 out	1 in,1 out	1 in,1 out	1 in,1 out
Alarm Support	1 in,1 out	1 in,1 out	1 in,1 out	1 in,1 out	1 in,1 out
Local Storage	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0
Power Supply	12 VDC ± 25%, terminal block PoE (802.3at, class 4)	12 VDC ± 25%, terminal block PoE (802.3at, class 4)	12 VDC ± 25%, terminal block PoE (802.3at, class 4)	12 VDC ± 25%, terminal block PoE (802.3af, class 3)	12 VDC ± 25%, terminal block PoE (802.3af, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

Model	DS-2CD276360-I(S)(2.8-12mm)	DS-2CD278360-I(S)(2.8-12mm)	DS-2CD2H2360-I(S)(2.8-12mm)	DS-2CD2H4360-I(S)(2.8-12mm)	DS-2CD2H6360-I(S)(2.8-12mm)	DS-2CD2H8360-I(S)(2.8-12mm)
						
Resolution	6MP	8MP	2MP	4MP	6MP	8MP
Min.Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens focal	2.8mm-12 mm	2.8mm-12 mm	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm	2.8mm-12mm
Sensor	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Codec Type	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IPxx	IP67	IP67	IP67	IP67	IP67	IP67
Vandal Proof	IK10	IK10	IK10	IK10	IK10	IK10
IR Distance	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Indoor/ Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio Support	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm Support	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Local Storage	128G	128G	128G	128G	128G	128G
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port
HDMI/SDI Output	0	0	0	0	0	0
Power Supply	12 VDC ± 25%, terminal block PoE (802.3af, class 3)	12 VDC ± 25%, terminal block PoE (802.3af, class 3)	12 VDC ± 25%, terminal block PoE (802.3af, class 3)	12 VDC ± 25%, terminal block PoE (802.3af, class 3)	12 VDC ± 25%, terminal block PoE (802.3af, class 3)	12 VDC ± 25%, terminal block PoE (802.3af, class 3)
Work Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)

NETWORK PTZ CAMERA



Model	DS-2DE7530IW-AE	DS-2DE7430IW-AE	DS-2DE7420IW-AE	DS-2DE7330IW-AE	DS-2DE7320IW-AE
					
Image Sensor	1/1.9" progressive scan CMOS	1/1.9" progressive scan CMOS	1/1.9" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Max. Image Resolution (pixels)	2592×1944	2560×1440	2560×1440	2048×1536	2048×1536
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Lens	5.9 mm to 177 mm, 30x Optical Zoom	5.9 mm to 177 mm, 30x Optical Zoom	5.9 mm to 118 mm, 20x Optical Zoom	4.3 mm to 129 mm, 30x Optical	4.7 mm to 94 mm, 20x optical
Field of View	51.3° to 2.7° (wild-tele)	48.8° to 2.3° (wild-tele)	48.8° to 3.5° (wild-tele)	57.4° to 2.8° (wild-tele)	Horizontal field of view: 58.6° to 3.3° (wild-tele)
Min. Illumination (lux)	Color: 0.005 Lux @(F1.5, AGC ON)	Color: 0.005 Lux @(F1.5, AGC ON)	Color: 0.005 Lux @(F1.5, AGC ON)	Color: 0.05Lux @(F1.5, AGC ON)	Ultra-low light: Color: 0.05 Lux @(F1.5, AGC ON)
Digital WDR	Support	Support	Support	Support	Support
Max. IR Range	150 m	150 m	150 m	150 m	150 m
VCA	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection	Intrusion Detection, Line Crossing Detection	Intrusion Detection, Line Crossing Detection
Frame Rate	50Hz: 25fps (2592×1944, 2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (2592×1944, 2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (2048×1536, 1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)	50Hz: 25fps (2048×1536, 1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)
Multi-Streaming	3	3	3	3	3
Protection Level	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -15° to 90° (Auto Flip)	From -15° to 90° (Auto Flip)	From -15° to 90° (Auto Flip)	From -15° to 90°	From -15° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s
Operating Temperature	Outdoor: -30°C to 65°C (-22°F to 149°F)	Outdoor: -30°C to 65°C (-22°F to 149°F)	Outdoor: -30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	90% or less	90% or less	90% or less	90% or less	90% or less
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB, NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB, NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB, NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB, NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB, NAS (NPS, SMB/ CIPS), ANR
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1	2/2
Power	24 VAC & Hi-PoE, Max.: 40 W (IR Max.19 W)	24 VAC & Hi-PoE, Max.: 40 W (IR Max.19 W)	24 VAC & Hi-PoE, Max.: 40 W (IR Max.19 W)	24 VAC & Hi-PoE, Max.: 40 W (IR Max.19 W)	24 VAC & Hi-PoE, Max.: 40 W (IR Max.19 W)

Model	DS-2DE7232IW-AE	DS-2DE7225IW-AE	DS-2DE5225IW-AE	DS-2DE5330W-AE(3)	DS-2DE5320W-AE(3)
					
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Max. Image Resolution (pixels)	1920×1080	1920×1080	1920×1080	2048×1536	2048×1536
Video Compression	H.265+ /H.265/H.264+ /H.264	H.265+ /H.265/H.264+ /H.264	H.265+ /H.265/H.264+ /H.264	H.265+ /H.265/H.264+ /H.264	H.265+ /H.265/H.264+ /H.264
Lens	4.8 mm to 153 mm, 32x optical	4.8 mm to 120 mm, 25x optical	4.8 mm to 120 mm, 25x optical	4.3 mm to 129 mm, 30x Optical	4.7 mm to 94 mm, 20x Optical
Field of View	Horizontal field of view: 55.6° to 2.04° (wild-tele)	Horizontal field of view: 57.6° to 2.5° (wild-tele)	Horizontal field of view: 57.6° to 2.5° (wild-tele)	57.4° to 2.8° (wild-tele)	58.3° to 3.2° (wild-tele)
Min. Illumination (lux)	Ultra-low light: Color: 0.005 Lux @(F1.5, AGC ON)	Ultra-low light: Color: 0.005 Lux @(F1.5, AGC ON)	Ultra-low light: Color: 0.005 Lux @(F1.6, AGC ON)	Ultra-low light: Color: 0.05 Lux @(F1.6, AGC ON)	Ultra-low light: Color: 0.05 Lux @(F1.6, AGC ON)
Digital WDR	120dB	120dB	120dB WDR	Support	Support
Max. IR Range	150 m	150 m	150 m	-	-
VCA	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Intrusion Detection, Line Crossing Detection	Intrusion Detection, Line Crossing Detection
Frame Rate	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)	50Hz: 25fps (2048×1536, 1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)	50Hz: 25fps (2048×1536, 1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)
Multi-Streaming	3	3	3	3	3
Protection Level	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66, IK10 Standard (-AE outdoor camera)	IP66, IK10 Standard (-AE outdoor camera);
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -5° to 90°	From -5° to 90°
Pan Speed	Configurable, from 0.1°/s to 160°/s	Configurable, from 0.1°/s to 160°/s	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 250°/s, Preset Speed: 300°/s	Configurable, from 0.1°/s to 250°/s, Preset Speed: 300°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-AE: -30°C to 65°C (-22°F to 149°F) -AE3: -10°C to 50°C (14°F to 122°F)	-AE: -30°C to 65°C (-22°F to 149°F) -AE3: -10°C to 50°C (14°F to 122°F)
Humidity	90% or less	90% or less	90% or less	90% or less	90% or less
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NPS, SMB/ CIPS), ANR
Audio I/O	1/1	1/1	-	1/1	1/1
Alarm I/O	2/2	2/1	-	2/1	2/1
Power	24 VAC & Hi-PoE, Max.: 40 W (IR Max.19 W)	24 VAC & Hi-PoE, Max.: 40 W (IR Max.19 W)	24 VAC & PoE+ (802.3at, class4), Max.:18 W	24 VAC & PoE+ (802.3at, class4), Max.:18 W	24 VAC & PoE+ (802.3at, class4), Max.:18 W

Model	DS-2DE4A320IW-DE	DS-2DE4A225IW-DE	DS-2DE4A215IW-DE	DS-2DE4A204IW-DE (2.8-12mm)	DS-2DE4A204IW-DE (8-32mm)
					
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.9" progressive scan CMOS	1/1.9" progressive scan CMOS
Max. Image Resolution (pixels)	2048×1536	1920×1080	1920×1080	1920×1080	1920×1080
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Lens	4.7 mm to 94 mm, 20x Optical	4.8 mm to 120 mm, 25x optical	5 mm to 75 mm, 15x optical	2.8 mm to 12 mm, 4x Optical	8 mm to 32 mm, 4x Optical
Field of View	58.3° to 3.2° (wild-tele)	Horizontal field of view: 57.6° to 2.5° (wild-tele)	Horizontal field of view: 53.8° to 4.0° (wild-tele)	90.1° to 31° (wild-tele)	42.2° to 13.5° (wild-tele)
Min. Illumination (lux)	Ultra-low light: Color: 0.05 Lux @(F1.6, AGC ON)	Ultra-low light: Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.002 Lux @(F1.6, AGC ON)	Color: 0.002 Lux @(F1.6, AGC ON)
Digital WDR	Support	120dB WDR	120 dB	120 dB	120 dB
Max. IR Range	50 m	50 m	50 m	50 m	50 m
VCA	Intrusion Detection, Line Crossing Detection, Region Exiting Detection, Region Entrance Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Intrusion Detection, Line Crossing Detection, Region Exiting Detection, Region Entrance Detection	Intrusion Detection, Line Crossing Detection, Region Exiting Detection, Region Entrance Detection
Frame Rate	50Hz: 25fps (2048×1536, 1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)
Multi-Streaming	3	3	3	3	3
Protection Level	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90°	From -5° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)	From -5° to 90°	From -5° to 90°
Pan Speed	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s	Configurable, from 0.1°/s to 300°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s
Tilt Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s	Configurable, from 0.1°/s to 160°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s
Operating Temperature	Outdoor: -30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	Outdoor: -30°C to 65°C (-22°F to 149°F)	Outdoor: -30°C to 65°C (-22°F to 149°F)
Humidity	90% or less	90% or less	90% or less	90% or less	90% or less
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	2/2	2/2	-	2/2	2/2
Power	12 VDC & PoE+ (802.3at, class4), Max.:18 W (IR Max.5 W)	12 VDC & PoE+ (802.3at, class4), Max.:18 W (IR Max.5 W)	12 VDC & PoE+ (802.3at, class4), Max.:18 W (IR Max.5 W)	12 VDC & PoE+ (802.3at, class4), Max.:18 W (IR Max.5 W)	12 VDC & PoE+ (802.3at, class4), Max.:18 W (IR Max.5 W)

Model	DS-2DE5232W-AE(3)	DS-2DE5225W-AE(3)	DS-2DE4225IW-DE	DS-2DE4215IW-DE	DS-2DE4225W-DE(3)	DS-2DE4215W-DE(3)
						
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Max. Image Resolution (pixels)	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Lens	4.8 mm to 153 mm, 32x optical	4.8 mm to 120 mm, 25x optical	4.8 mm to 120 mm, 25x optical	5 mm to 75 mm, 15x optical	4.8 mm to 120 mm, 25x optical	5 mm to 75 mm, 15x optical
Field of View	Horizontal field of view: 55.6° to 2.04° (wild-tele)	Horizontal field of view: 57.6° to 2.5° (wild-tele)	Horizontal field of view: 57.6° to 2.5° (wild-tele)	Horizontal field of view: 53.8° to 4.0° (wild-tele)	Horizontal field of view: 57.6° to 2.5° (wild-tele)	Horizontal field of view: 53.8° to 4.0° (wild-tele)
Min. Illumination (lux)	Ultra-low light: Color: 0.005 Lux @ (F1.6, AGC ON)	Ultra-low light: Color: 0.005 Lux @ (F1.6, AGC ON)	Ultra-low light: Color: 0.005 Lux @ (F1.6, AGC ON)	Color: 0.005 Lux @ (F1.6, AGC ON)	Ultra-low light: Color: 0.005 Lux @ (F1.6, AGC ON)	Color: 0.005 Lux @ (F1.6, AGC ON)
Digital WDR	120dB WDR	120dB WDR	120dB WDR	120dB	120dB WDR	120dB
Max. IR Range	-	-	100 m	100 m	-	-
VCA	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection
Frame Rate	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)
Multi-Streaming	3	3	3	3	3	3
Protection Level	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard (outdoor camera), TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From 5° to 90° (Auto-flip)	From 5° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 100°/s	Configurable, from 0.1°/s to 100°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	Indoor Models: -10°C to 50°C (-14°F to 122°F) Outdoor Models: -30°C to 65°C (-22°F to 149°F)	-10°C to 55°C (14°F to 131°F)
Humidity	90% or less	90% or less	90% or less	90% or less	90% or less	90% or less
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	-	1/1	#N/A
Alarm I/O	2/1	2/1	1/1	-	1/1	-
Power	24 VAC & PoE+ (802.3at, class4), Max.:18 W	24 VAC & PoE+ (802.3at, class4), Max.:18 W	12 VDC & PoE+ (802.3at, class4), Max.:18 W (IR Max.6 W)	12 VDC and PoE+ (802.3at, class4)	12 VDC & PoE+ (802.3at, class4), Max.:18 W	12 VDC and PoE+ (802.3at, class4)

Model	DS-2DE3304W-DE	DS-2DE3204W-DE	DS-2DE2204IW-DE(3)	DS-2PT3326IZ-DE3(2.8-12mm)	DS-2PT3122IZ-DE3(2.8-12mm)
					
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" progressive scan CMOS	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS
Max. Image Resolution (pixels)	2048×1536	1920×1080	1920×1080	1920×1080	1920×1080
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Lens	2.8-12mm, 4x	2.8-12mm, 4x	2.8 to 12mm, 4x	Fixed: 2mm, PTZ: 2.8-12mm	Fixed: 2mm, PTZ: 2.8-12mm
Field of View	105-33.5 degree (wild-tele)	105° - 33.5° (wild-tele)	100° to 25° (wild-tele)	Fixed: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144° PTZ cam: Horizontal field of view: 120° to 56.6° (wild-tele) Vertical field of view: 61.8° to 31.7° (wild-tele) Diagonal field of view: 149° to 65° (wild-tele)	Panoramic cam: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144° PTZ cam: Horizontal field of view: 120° to 56.6° (wild-tele) Vertical field of view: 61.8° to 31.7° (wild-tele) Diagonal field of view: 149° to 65° (wild-tele)
Min. Illumination (lux)	F1.6, AGC On : Color : 0.05 lux, B/W : 0.01 lux	F1.6, AGC On : Color : 0.05 lux, B/W : 0.01 lux	Color: 0.05 Lux @ (F2.0, AGC ON), B/W: 0.005Lux @ (F2.0, AGC ON)	Color: 0.05 Lux @(F2.0, AGC ON)	Color: 0.05 Lux @(F2.0, AGC ON)
Digital WDR	Support	Support	Support	Digital WDR	Digital WDR
Max. IR Range	-	-	20m	10m	10m
VCA	Intrusion detection, line crossing detection, audio exception detection, motion detection, and video tampering detection	Intrusion detection, line crossing detection, audio exception detection, motion detection, and video tampering detection	Intrusion detection, line crossing detection, audio exception detection, motion detection, and video tampering detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection, motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection, motion detection
Frame Rate	50Hz: 25fps (2048×1536, 1920×1080, 1280×960, 1280×720), 50fps (1280×960, 1280×720) 60Hz: 30fps (2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720), 50fps (1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)
Multi-Streaming	3	3	3	2	2
Protection Level	IP66, IK10, TVS 4,000V lightning protection, surge protection and voltage transient protection	IP66, IK10, TVS 4,000V lightning protection, surge protection and voltage transient protection	TVS 4,000V lightning protection, and surge protection	TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection	TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	Pan: 0-350°; Tilt: 0°-90°	Pan: 0-350°; Tilt: 0°-90°	Pan: 350°, Tilt: 0° to 90°	Pan: 0° to 350°;	Pan: 0° to 350°;
Tilt Range	Pan: 0-350°; Tilt: 0°-90°	Pan: 0-350°; Tilt: 0°-90°	Pan: 350°, Tilt: 0° to 90°	Tilt: 0° to 90°	Tilt: 0° to 90°
Pan Speed	Pan Manual Speed: 0.1°-60°/s	Pan Manual Speed: 0.1°-60°/s, Pan Preset Speed: 60°/s	Pan: 0.1° to 60°/s, Tilt: 0.1° to 50°/s	Pan speed: 0.1°/s to 30°/s (configurable), preset speed: 30°/s	Pan speed: 0.1°/s to 30°/s (configurable), preset speed: 30°/s
Tilt Speed	Tilt Manual Speed: 0.1°-50°/s	Tilt Manual Speed: 0.1°-50°/s, Tilt Preset Speed: 50°/s	Pan: 0.1° to 60°/s, Tilt: 0.1° to 50°/s	Tilt speed: 0.1°/s to 30°/s (configurable), preset speed: 30°/s	Tilt speed: 0.1°/s to 30°/s (configurable), preset speed: 30°/s
Operating Temperature	-30°C ~ 65°C (-22°F ~ 149°F)	-30°C ~ 65°C (-22°F ~ 149°F)	-10°C to 50°C (-14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)
Humidity	90% or less	90% or less	90% or less	90% or less	90% or less
Local Storage	Micro SD card local storage, up to 128GB	Micro SD card local storage, up to 128GB	Micro SD/SDHC/SDXC card storage, up to 128GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	1/1	1/1	1/1	-	--
Power	POE (802.3af, class3) 12 VDC, Max. 8W	POE (802.3af, class3) 12 VDC, Max. 8W	DC 12V, and PoE (802.3af, class3)	12 VDC (Max.24 W), PoE+ (Max. 25 W), IR Max. 6 W	12 VDC (Max.19 W), PoE+ (Max. 20 W), IR Max. 2 W

NVR



Model	DS-7732NI-K4(/16P)	DS-7716NI-K4(/16P)	DS-7616NI-K2(/16P)	DS-7608NI-K2(/8P)
				
Hardware Platform	ARM	ARM	ARM	ARM
Channel	32	16	16	8
Decoding Format	H.265+/H.264+/H.264	H.265+/H.264+/H.264	H.265+/H.264+/H.264	H.265+/H.264+/H.264
Incoming/Outgoing Bandwidth	256Mbps/160Mbps	160Mbps/160Mbps	256Mbps/160Mbps	160Mbps/160Mbps
Decoding Capability	2-ch @ 4K, or 8-ch @ 1080p	2-ch @ 4K, or 8-ch @ 1080p	2-ch @ 4K, or 8-ch @ 1080p	2-ch @ 4K, or 8-ch @ 1080p
Recording Resolution	Up to 8MP	Up to 8MP	Up to 8MP	Up to 8MP
Display	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA
LCD	-	-	-	-
Storage Capacity	6TB x 4	6TB x 4	6TB x 2	6TB x 2
eSATA/Mini SAS	-	-	-	-
RAID Type	-	-	-	-
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm Input/Output	16/4	16/4	4/1	4/1
Network Interface	2 RJ45 10/100/1000M or 1 RJ45 10/100/1000M + 16 RJ45 10/100M(/16P model)	2 RJ45 10/100/1000M or 1 RJ45 10/100/1000M + 16 RJ45 10/100M(/16P model)	1 RJ45 10/100/1000M + 16 RJ45 10/100M(/16P model)	1 RJ45 10/100/1000M + 8 RJ45 10/100M(/8P model)
PoE port	16 with /16P model	16 with /16P model	16 with /16P model	8 with /8P model
USB Port	2 x USB 2.0, 1 x USB 3.0	2 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0
Smart Function	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering
Power Consumption (without HDD)	≤ 20W(without enabling PoE)	≤ 20W(without enabling PoE)	≤ 15W(without enabling PoE)	≤ 15W(without enabling PoE)
Key Features	Entry 4K NVR,easy to install with PoE model	Entry 4K NVR,easy to install with PoE model	Entry 4K NVR,easy to install with PoE model	Entry 4K NVR,easy to install with PoE model

	DS-7616NI-K1(B)	DS-7608NI-K1(8P)(B)	DS-7604NI-K1(/4P)(B)
Model			
	ARM	ARM	ARM
Channel	16	8	4
Decoding Format	H.265+/H.264+/H.264	H.265+/H.264+/H.264	H.265+/H.264+/H.264
Incoming/Outgoing Bandwidth	40Mbps/ 80Mbps	40Mbps/ 80Mbps	40Mbps/ 80Mbps
Decoding Capability	4-ch @ 1080p	4-ch @ 1080p	4-ch @ 1080p
Recording Resolution	Up to 8 MP	Up to 8 MP	Up to 8 MP
Display	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA
LCD	-	-	-
Storage Capacity	6TB x 1	6TB x 1	6TB x 1
eSATA/Mini SAS	-	-	-
RAID Type	-	-	-
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm Input/Output	-	-	-
Network Interface	1 RJ45 10/100/1000M	1 RJ45 10/100/1000M+ 8 RJ45 100M(/4P model)	1 RJ45 10/100/1000M+ 4 RJ45 100M(/4P model)
PoE port	-	8 with /8P model	4 with /4P model
USB Port	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0
Smart Function	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering
Power Consumption (without HDD)	≤ 10W(without enabling PoE)	≤ 10W(without enabling PoE)	≤ 10W(without enabling PoE)
Key Features	Entry 4K NVR	Entry 4K NVR,easy to install with PoE model	Entry 4K NVR,easy to install with PoE model

Stable Transmission by Hikvision Cables



- CAT. 5e and 6
- UTP / Indoor PVC / 23(24)AWG
- Full 305m
- UL Certified
- OFC / 0.565(0.5)mm
- CM Fire Resistance

Easy PoE Installation



- Long Transmission Distance(≥ 25 m)
- Hi PoE Power Supply (IEEE 802.3af/at)
- 4KV Surge Protection
- VIP Port Optimized

Accessories

											
20xx Series	2Tx Series	DS-1280ZJ-XS DS-1280ZJ-S			DS-1275ZJ-SUS			DS-1276ZJ-SUS			
Description		Junction box			Vertical pole mount			Corner mount			
											
21xx Series	DS-1259ZJ	DS-1271ZJ-110	DS-1272ZJ-110	DS-1272ZJ-110B	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-DM18	DS-1258ZJ	DS-1253ZJ-M	DS-1250ZJ	
Description	Inclined ceiling mount	Pendant mount	Wall mount	Wall mount	Vertical pole mount	Corner mount	Junction box	Wall mount	Rain shade	Rain shade	
											
23xx Series	DS-1273ZJ-130-TRL		DS-1275ZJ-SUS		DS-1276ZJ-SUS		DS-1280ZJ-DM8		DS-1281ZJ-M		DS-1271ZJ-130-TRL
Description	Wall mount		Vertical pole mount		Corner mount		Junction box		Inclined ceiling mount		Pendant mount
											
25xx Series	DS-1272ZJ-120		DS-1272ZJ-120B		DS-1271ZJ-120		DS-1276ZJ-SUS				DS-1280ZJ-DM22
Description	Wall mount		Wall mount		Pendant mount		Corner mount		Gang box		Junction box
											
26xx Series	DS-1475ZJ-SUS	DS-1476ZJ-SUS		27xx Series		DS-1471ZJ-155	DS-1473ZJ-155	DS-1475ZJ-SUS	DS-1476ZJ-SUS		
Description	Vertical pole mount	Corner mount		Description		Pendant Mount	Wall Mount	Vertical pole mount	Corner mount		

Accessories

								
2Hxx Series	DS-1473ZJ-135	DS-1471ZJ-135	DS-1281ZJ-DM23	DS-1475ZJ-SUS	DS-1476ZJ-SUS	DS-1473ZJ-135B		
Description	Wall mount	Pendant mount	Inclined ceiling mount	Vertical pole mount	Corner mount with junction box	Wall mount		
								
29xx Series	DS-1294ZJ	DS-1281ZJ-DM27		DS-1297ZJ	DS-1299ZJ			
Description	Wall mount	Inclined ceiling mount		Pendant mount (extendable)	Pendant Mount			
								
DS-2DE4Axxx, DS-2DE44204IW-DE DS-2DE4A220IW-DE, DS-2DE4A320IW-DE	DS-1605ZJ	DS-1671ZJ-SD11	DS-1280ZJ-SD11	DS-1691ZJ-L	DS-1691ZJ-M	DS-1691ZJ		
	Wall Mount Bracket	In-ceiling Mount Bracket	Junction Box	Pendant mount	Pendant mount	Pendant mount		
Description	Hik white Aluminum alloy 183.5×120×228.6mm, 1120g	Hik white Aluminum alloy, Ø233×85mm	Hik white Aluminum alloy, Ø158×40mm	Hik white, Steel 124x84x1000mm, 2175g	Hik white, Steel 124x84x500mm, 1175g	Hik white, Aluminum alloy 84×124×335mm, 980g		
								
DE5xxxW Series	DE5xxxIW Series	DE7xxxIW Series	DF5xxxX Series	DF6xxxX Series	DF8xxxX Series	DS-1661ZJ	DS-1662ZJ	DS-1663ZJ
Description						Pendant mount	Pendant mount	Ceiling mount
								
DS-1660ZJ	DS-1604ZJ	DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ	DS-1667ZJ
Parapet wall mount	Wall mount	Vertical pole mount	Corner mount	Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount	Extendable pole for Pendant mount

Accessories

Positioning System Lite			PT Bullet Camera				
	DS-2DY5223IW-AE	DS-1693ZJ-S		DS-2DY3xxxIW-DE	DS-1280ZJ-M(SPTZ)	DS-1281ZJ-M(SPTZ)	DS-1275ZJ(SPTZ)
	Description	Wall mount Hik white steel, Outdoor 167×182×309mm, 2330g		Description	Junction Box Hik white steel, Outdoor 157 x 53.4 x 184mm, 621g	Inclined ceiling mount Hik white steel, Outdoor 157 x 61.8 x 165.7mm, 586g	Pole mount Hik white steel,Outdoor 250 x 127 x 140mm
Pickup				Mirco SD Card			
Appearance							
Model	DS-2FP4021-B	DS-2FP2020		DS-UTF32/64G-H1	DS-UTF16/32/64/128G-L1		
Description	• Hi-fidelity Pickup • Input DC 12V • Scope: up to 60m2 • Sensitive: -41dB • External Size: 64mm×20mm(diameter×height)	• Fidelity Pickup • Input DC 12V • Scope: up to 70m2 • Sensitive: -32dB • External Size: Ø78mm×28mm		• MLC • Class10(reading25MB/s, writing: 20MB/s) • Storage capacity: 32/64G	• TLC • Class10(reading25MB/s, writing: 20MB/s) • Storage capacity: 16/32/64/128G		
PoE Switch						Tool	
Appearance							
Model	DS-3E0326P-E	DS-3E1326P-E		DS-3D2228P		IPC-4300H	
Description	• Unmanaged L2 PoE Switch • 24×10/100Mbps PoE ports, each port support 802.3af/802.3at self-adaption • 2×1000M combo port • 370Watts PoE budget • 250m transmission • 4 kV surge protection • Plug-and-play installation	• Managed L2 PoE Switch • 24×10/100Mbps PoE ports, each port support 802.3af/802.3at self-adaption • 2×1000M combo port • 370Watts PoE budget • 250m transmission • 4 kV surge protection • Web-managed: VLAN, Port Mirroring, SNMP, etc.		• Full Managed L2 PoE Switch • 24×10/100Mbps PoE ports, each port support802.3af/802.3at self-adaption • 4×Gigabit combo ports • 370Watts PoE budget • QoS and flow control • VLAN support and tagging • Network Management: SNMP, Telnet, RMON, CLI • Network Security: IEEE 802.1x, IP ACL, MAC ACL, VLAN,ACL, and static/dynamic ARP prevention		• Integrated Mount Tester • For IPC, HDTVI, Analog camera • TDR,record,playback,etc	
Keyboard				Network Cable			
Appearance				Appearance			
Model	DS-1100KI	DS-1200KI	DS-1005KI	Model	DS-1LN6-UU	DS-1LN5E-S	
Description	• 7" TFT touch screen with 800×480 resolution • Live view and video playback • Video wall control • 4-axis joystick • Macro command operation • Up to 255 analog domes by RS-485 connection • Compatible with Hikvision IP cameras, DVR/NVR,decoder, matrix	• 128x64 LED dot matrix screen • PTZ and TV wall control • 4-axis joystick • System upgrade and import / export of configuration files by USB-flash disk • Network access and configuration by Web browser support	• USB HID protocol • Power supply and communication by USB port directly • PTZ control: set and call the preset, patrol and pattern • DVR/NVR menu control • Compatible with client software and platform software	Description	HIKVISION E484059-Z (UL) CM 4PR 23AWG 75 C/U/UTP CAT6 VERIFIED TO ANSI/TIA-568-C.1 PVC	HIKVISION E484059-Z CM (UL) 4PR 24AWG 75 C U/UTP CAT5E VERIFIED TO ANSI/TIA-568-C.2 PVC	

SIMPLE AND POWERFUL THE EASIER JOURNEY TO BETTER SECURITY HIKVISION EasyIP SOLUTIONS

Distributed by



HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

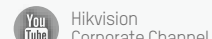
Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com



Follow us on social media to get the latest product and solution information



www.hikvision.com

2018-H1