

35 SERIES IP CAMERAS

Advanced Smart Camera Technology To Protect and Secure Your Premises



ONVIF | SGT M 5 YEAR WARRANTY

Honeywell's 35 series cameras offer integrated Smart and AI based analytics, exceptional picture clarity, flexible system integration, secure data transmission, and easy installation in a variety of form factors for a cost-effective video surveillance solution

SUPERIOR HD IMAGE QUALITY, UP TO 8 MP

- Available in resolutions from 2 MP (2592x1944) up to 8 MP (3840x2160) - up to 12 MP in Fisheye format
- True WDR (120 dB) ensures glare-free images
- True day/night provides vivid color images by day and clear black and white images at night using a removable IR cut filter
- Excellent low-light performance with 2D/3D noise reduction, saving on both storage space and bandwidth together with Smart Codec⁽²⁾
- Models with Dual Light Color technology automatically switch between IR and warm light providing clear full color images even in low-light conditions
- Compliant with **US National Defense Authorization Act (NDAA)** Section 889

FLEXIBLE SURVEILLANCE SOLUTION

- A wide range of form factors, lenses, and zoom options for all type of installations including micro dome, mini dome, ball, bullet, fisheye, pinhole and speed dome (PTZ)
- H.265⁽¹⁾, H.264, Smart Codec⁽²⁾ and MJPEG supported with triple streaming
- Smart IR Technology provides even distribution of IR LEDs in dimly lit or nighttime scenes
- 1080P 60fps and 720P 180fps capture exceptional detail in fast moving objects
- Water/dust proof (IP66/IP67) and IK10 (model dependent)
- ONVIF Profile S, G, T, M compliant
- Stream encryption – camera to MAXPRO and Series 35 NVRs under AES256 providing secure data integrity and privacy
- Built-in encryption chip or TEE protects the encryption key (model dependent)
- Fisheye dewarp support in both the camera and VMS

EASY TO INSTALL AND USE

- Built-in PoE eliminates separate power supply and associated wiring
- 12 Vdc inputs where PoE power is unavailable
- Remote configuration, motorized zoom adjustments and auto focus via web client or from the NVR
- Multiple mounting options to support a wide range of security applications
- Multiple language GUI⁽³⁾ - (14 countries)

MARKET APPLICATIONS

These versatile, fully featured cameras are designed to help safeguard your premises, prevent shoplifting/theft, fraud, vandalism and other potential security threats. They are perfectly positioned for various types of indoor and outdoor retail, office, small and medium businesses, hospitality / gaming and more.

SMART MOTION DETECTION

- Smart motion detection increases situational awareness and reduces false alarms
- Using AI algorithms, alarms are only generated when the object is identified as a person or vehicle
- Significant improvement over traditional motion detection which only detects pixel changes and generally has higher false alarm rate.

AI - BASED VIDEO ANALYTICS⁽⁴⁾

- Intrusion Detection
- Multi-Loitering
- People Counter
- Face Detection
- Line Crossing Detection
- Unattended Object Detection
- Missing Object Detection
- Heat Map

ONBOARD VIDEO STORAGE

- Supports microSD (Class 10) card up to 1TB for local video storage (card not included)

¹Covered by one or more claims of the patents listed at patentlist.hevcadvance.com

²Smart Codec saves up to 50 percent on bandwidth and storage compared to standard H.264/H.265 (scene dependant)

³Arabic, Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Spanish, Turkish

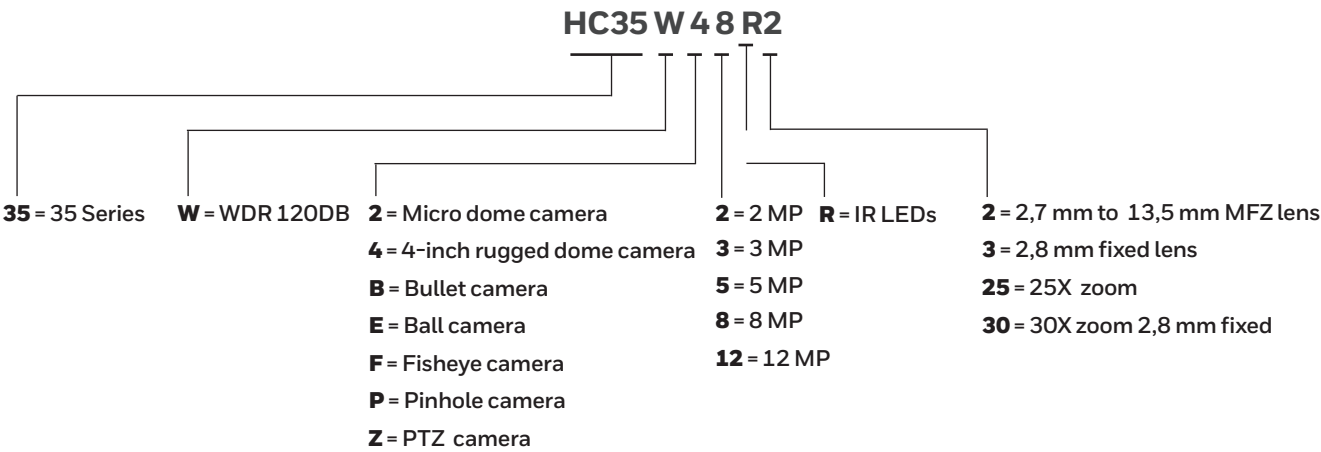
⁴Supported Video Analytics features on select models

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35 SERIES - QUICK REFERENCE GUIDE

TABLE 1. SYSTEM INTEGRATION	
Part Number	Description
MAXPRO NVR HE	Up to 256 IP channels, RAID5/6 Enterprise NVR
MAXPRO NVR PE	Up to 192 IP channels RAID5/6 enterprise NVR
MAXPRO NVR SE	Up to 96 IP channels system NVR
MAXPRO NVR XE	Up to 24 IP channels system NVR
MAXPRO NVR SOFTWARE	Up to 256 IP channels recording software
ADPRO NVR IFT-E	Up to 32 IP channels, with up to 32 VA channels NVRs
ADPRO NVR IFT	Up to 32 IP channels or 16 IP channels with up to 16 VA channels NVRs
ADPRO NVR EFT-S	Up to 32 IP channels or 16 IP channels with up to 16 VA channels NVRs
ADPRO NVR IFT GATEWAY	4 IP channels + 4 VA channels
HONEYWELL DVM	Supported with Honeywell DVM 800
35 SERIES NVR	4/8/16/32/64-channel 35 series NVRs

PART NUMBER LOOKUP



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TABLE 2. ORDERING

Part Number	Part Number	Description
IR MICRO DOME CAMERA		
	HC35W25R3	5 MP IR micro dome camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc, audio & alarm in/out, IK10
	HC35W25R3-H	5 MP IR HDMI micro dome camera, WDR, 2,8 mm
IR DOME CAMERAS		
MFZ		
	HC35W43R2	3 MP IR MFZ dome camera, WDR 120 dB, 2,7 mm to 13,5 mm, PoE, 12 Vdc, IK10
	HC35W45R2	5 MP IR MFZ dome camera, WDR 120 dB, 2,7 mm to 13,5 mm, PoE, 12 Vdc, audio & alarm in/out, IK10
	HC35W48R2	8 MP IR MFZ dome camera, WDR 120 dB, 2,7 mm to 13,5 mm, PoE, 12 Vdc, audio & alarm in/out, IK10
FIXED LENS		
	HC35W43R3	3 MP IR Fixed Mini dome camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc, IK10
	HC35W45R3	5 MP IR Fixed Mini dome camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc, audio & alarm in/out, IK10
	HC35W48R3	8 MP IR Fixed mini dome camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc, audio & alarm in/out, IK10
IR BULLET CAMERAS		
MFZ		
	HC35WB3R2	3 MP IR MFZ bullet camera, WDR 120 dB, 2,7 mm to 13,5 mm, PoE, 12 Vdc
	HC35WB5R2	5 MP IR MFZ bullet camera, WDR 120 dB, 2,7 mm to 13,5 mm, PoE, 12 Vdc, audio & alarm in/out
	HC35WB8R2	8 MP IR MFZ bullet camera, WDR 120 dB, 2,7 mm to 13,5 mm, PoE, 12 Vdc, audio & alarm in/out
FIXED LENS		
	HC35WB3R3	3 MP IR fixed bullet camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc, IK10 casing
	HC35WB5R3	5 MP IR fixed bullet camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc, audio & alarm in/out, IK10 casing
	HC35WB8R3	8 MP IR fixed bullet camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc, audio & alarm in/out, IK10 casing
DUAL LIGHT COLOR		
	HC35CB5R3	5 MP Dual Light Color Bullet Camera, WDR, 2,8 mm, PoE
	HC35WMBAR1	180° Dual-Sensor Dual-Light Color Bullet Camera, 2,4 mm PoE, 2,4 mm PoE
IR BALL CAMERAS		
MFZ		
	HC35WE3R2	3 MP IR MFZ ball camera, WDR 120 dB, 2,7 mm to 13,5 mm, PoE, 12 Vdc
	HC35WE5R2	5 MP IR MFZ ball camera, WDR 120 dB, 2,7 mm to 13,5 mm, PoE, 12 Vdc, audio & alarm in/out
	HC35WE8R2	8 MP IR MFZ ball camera, WDR 120 dB, 2,7 mm to 13,5 mm, PoE, 12 Vdc, audio & alarm in/out
FIXED LENS		
	HC35WE3R3	3 MP IR fixed ball camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc
	HC35WE5R3	5 MP IR fixed ball camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc, audio & alarm in/out
	HC35WE8R3	8 MP IR fixed ball camera, WDR 120 dB, 2,8 mm, PoE, 12 Vdc, audio & alarm in/out
DUAL LIGHT COLOR		
	HC35CE5R3	5 MP Dual-Light Color Ball Camera, WDR, 2,8 mm PoE
FISHEYE CAMERAS		
	HC35WF6R1	6 MP IR Fixed Fisheye Camera, WDR, 1,22mm, PoE
	HC35WFCR1	12 MP IR Fixed Fisheye Camera, DWDR, 1,8 mm, PoE

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TABLE 2. ORDERING (CONTINUED)

PINHOLE CAMERAS		
	HC35WP5B	Split Pin-Hole IP Base, must be used with Honeywell split pin-hole lens HA35P2L28/HA35P5L37/HA35P5F12
	HA35P2L28	Split Pin-Hole Lens 2 MP 2.8 mm, must be used with Honeywell split pin-hole base HC35WP5B
	HA35P5L37	Split Pin-Hole Lens 5 MP 3.7 mm, must be used with Honeywell split pin-hole base HC35WP5B
	HA35P5F12	Split Pin-Hole Fisheye Lens 5 MP 1.22 mm, must be used with Honeywell split pin-hole base HC35WP5B
IR SPEED DOME (PTZ) CAMERAS		
	HC35WZ2R25	2 MP IR speed dome (PTZ) camera, WDR 120 dB, 25X optical zoom, 1/2.8 in 2 MP, PoE+, 24 Vac, IK10 casing
	HC35WZ5R30	5 MP IR speed dome (PTZ) camera, WDR 120 dB, 30X optical zoom, 1/2.8 in 5 MP, PoE+, 24 Vac, IK10 casing

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²Smart Codec saves up to 50 percent on bandwidth and storage compared to standard H.264/H.265 (scene dependant)

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⁴Supported Video Analytics features on select models

TABLE 3. OPTIONAL MOUNTS AND ACCESSORIES*

Model	SKU#	Description	Model	SKU#	Description
	HA35CNM01	35S corner mount bracket		HA35JCBHBA	35S bullet junction box
	HA35PLM01	35S pole mount bracket		HA35JCBM01	35S micro dome junction box
	HA60WLMB1	60S wall mount bracket, 1.5NPT female, 222.7mm (8.77")		HA35JCBHBB	35S bullet junction box , IP66
	HA35PMC02	35S MFZ camera cap, 1.5NPT male		HA35ICK	35S dome in-ceiling mount bracket
	HA35PMC03	35S fixed camera cap, 1.5NPT male		HA35JCBWML	35S wall mount bracket, 1.5 NPT female, arm length 160.4mm (6.31")
	HA35PCM04B	35S cap for pendent mount, 1.5NPT male		HA60WLMZI	60S wall mount bracket, 1.5NPT female, arm length 209.3mm (8.24")
	HA35CLM01	35S ceiling mount base with adapter		HA60WLMZL	60S Longer Wall Mount, 1.5NPT female, arm length 279.3mm (11.0")
	HA35CLM02	35S ceiling mount pendent extension, 252mm (9.9")		HA60CNMZI	60S corner mount bracket

* Accessories beginning with HA60 listed here will work with select models of both 35 Series and 60 Series cameras

Refer to individual datasheets for the 35 Series Accessories and Cross Reference Matrix documents for specific recommended accessories by model number, dimensions and other details

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TABLE 3. OPTIONAL MOUNTS AND ACCESSORIES* (CONTINUED)

Model	SKU#	Description	Model	SKU#	Description
	HA354SC01	35S 4S box cover		HA60PLMZI	60S pole mount bracket
	HA35JCBHDV	35S MFZ dome junction box		HA60CLM01	60S pendent mount base, 1.5NPT female
	HA35JCBHA1	35S all-in-one box, white		HA60CLM02	60S pendent extension mount, 1.5NPT male
	HA35JCBHDF	35S fixed dome junction box		HA35SB3	35S fixed lens dome bubble (smoke)
	HA35SB4	35S MFZ lens dome bubble (smoke)		HA35JCBHA1G	35S all-in-one box, dark gray

* Accessories beginning with HA60 listed here will work with select models of both 35 Series and 60 Series cameras

Refer to individual datasheets for the 35 Series Accessories and Cross Reference Matrix documents for specific recommended accessories by model number

For more information

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HBA-SEC-35S-FAMQRG-DS-UK-EN-(0225)-V03-ZD
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