



CCID1445

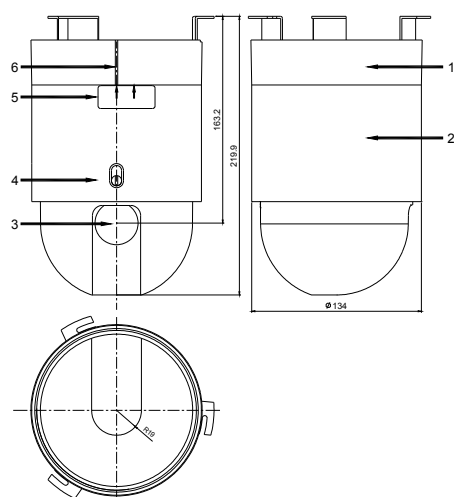
IP High-Speed Dome Cameras H.264, MPEG-4, MJPEG



CCID1445-DN18
CCID1445-DN28
CCID1445-DN36

H.264, MPEG-4 & MJPEG triple encoding functionality allows the use of the Siemens IP high-speed dome cameras in almost every networking application. The Siemens IP high-speed dome camera range includes three day/night models with exceptional low-light performance. A mechanically removable IR-cut filter allows the day/night dome cameras to provide excellent colour picture quality in day mode and IR-sensitive crisp, clear monochrome images at night. A wide range of accessories is available and will meet most installation requirements.

- H.264, MPEG-4 & MJPEG triple encoding
- Hybrid video: CVBS: up to 530 TV lines, network: D1, VGA, QVGA @ max. 25 ips
- Bidirectional monaural audio
- ONVIF protocol support
- High-speed dome camera (pan speed max. 400 °/s)
- D/N models support Wide Dynamic function
- Exceptional low-light sensitivity : 0.01 lux @ B/W (IR-sensitive)
- Up to 36x optical zoom (3.4 – 122.4 mm), 12x digital zoom
- Motion detection
- Object tracking
- Support of up to 5 video cropping areas
- Local alarm recording on SD card
- 8 user-definable privacy zones
- Programmable tours and presets
- 4 alarm inputs with AAM function (Advanced Alarm Management)
- Proportional zoom speed
- 24 V AC power supply & PoE+
- Wide range of accessories



Legend

- 1 Dome IP base
- 2 Dome head unit
- 3 Lens
- 4 Screw for cover
- 5 Positioning label
- 6 Notch

Details for ordering

Type	Part no.	Designation	Weight
CCID1445-DN18	S54561-C31-A1	1/4" IP High Speed Dome D/N 18x optical zoom	1.85 kg
CCID1445-DN28	S54561-C32-A1	1/4" IP High Speed Dome D/N 28x optical zoom	1.85 kg
CCID1445-DN36	S54561-C33-A1	1/4" IP High Speed Dome D/N 36x optical zoom	1.85 kg

Technical data

	CCID1445-DN18	CCID1445-DN28	CCID1445-DN36
Electrical			
Power requirements	24 V AC ± 10 %, 50 Hz; PoE+		
Power requirements	25 VA		
Functional			
Pan speed	0.1 – 90.0 °/s Max. dig. zoom: 0.1 °/s Max. opt. zoom: 0.4 °/s		
Tilt speed	0.1 – 45.0 °/s Max. dig. zoom: 0.1 °/s Max. opt. zoom: 0.4 °/s		
Preset pan/tilt speed	Pan: max. 400 °/s Tilt: max. 200 °/s		
Speed control	Zoom-proportional: On/Off		
Pan travel	360° continuous rotation		
Tilt travel	Indoor: 85° Outdoor: 92°		
Pan/tilt limits	Pan/tilt limits		
Zoom total	216x	336x	432x
Auto flip	On/Off		
Optical zoom	18x	28x	36x
Digital zoom	12x		

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Zoom stop	18x, 36x, 72x, 144x, 216x	28x, 56x, 112x, 224x, 336x	36x, 72x, 144x, 288x, 432x
Programmable presets	64		
Programmable tours	4		
Programmable privacy zones	8		
Scan function	Selectable: random, frame or auto-scan		
Synchronisation	Internal: crystal External: line lock; phase adjustable		
Alarm inputs	4 (linked to definable functions)		
Alarm outputs	1 (NO/NC)		
Motion detection	Yes		
Object tracking	Yes		
Preset characters	Max. 20		
Camera			
Image sensor	1/4" Ex-View CCD	1/4" Ex-View CCD	1/4" Ex-View CCD
Pixels	752 H x 582 V		
Television standard	PAL, 625 lines, 50 fields, 25 frames, 2:1	PAL, 625 lines, 50 fields, 25 frames, 2:1	PAL, 625 lines, 50 fields, 25 frames, 2:1
Interlace	Horizontal: 15.625 kHz		
Analogue video output	Vertical: 50 Hz		
Signal/noise ratio	1.0 Vpp, 75 Ω		
Horizontal resolution	530 TV lines		
Minimum illumination	Col.: 0.7 lx (F1.4; 1/50 s) B/W: 0.01 lx (F1.4; 1/3 s)	Col.: 1.0 lx (F1.6; 1/50 s) B/W: 0.01 lx (F1.4; 1/3 s)	Col.: 1.4 lx (F1.6; 1/50 s) B/W: 0.01 lx (F1.4; 1/3 s)
White balance control	ATW (2000 – 10000 °K), automatic (3000 – 7500 °K); one push		
Automatic gain control	Yes		
AE compensation	Automatic, manual, BLC		
EV compensation	-10.5 to +10.5 dB (15 steps)		
Back light compensation (BLC)	On/Off		
Wide dynamic	On/Off		
Shutter speed	Auto.: 1/1 – 1/10,000 s Manual: 22 steps	Auto.: 1/1 – 1/10,000 s Manual: 22 steps	Auto.: 1/1 – 1/10,000 s Manual: 22 steps
Auto slow shutter	On/Off (max. 1.0 s)		
Focusing system	Automatic sensitivity: normal, low		
Focus type	Automatic / manual / interval / zoom trigger		
Day/night function	Mechanical IR-cut filter (automatic/off)		
Privacy zones	8, user-definable		
Lens			
Focal length	4.1 – 73.8 mm	3.5 – 98.0 mm	3.4 – 122.4 mm
Angle of view	2.8 – 48.0°	2.1 – 55.8°	1.7 – 57.8°
Maximum relative aperture	F1.4 – F3.0	F1.6 – F3.8	F1.6 – F4.5

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Network			
Network interface	10BASE-T / 100BASE-TX		
Image compression	MJPEG / MPEG-4 / H.264 (triple encoding)		
Resolution	MJPEG : D1(720 x 576) / VGA (640 x 480) / QVGA (320 X 240): max. 25 ips (PAL) MPEG-4: D1(720 x 576) / VGA (640 x 480) / QVGA (320 X 240): max. 25 ips (PAL) H.264 : D1(720 x 576) / VGA (640 x 480) / QVGA (320 X 240): max. 25 ips (PAL)		
Image quality setting	5 levels		
Protocols	TCP/IP, UDP, HTTP, HTTPs, SMTP, SNMP, DNS, DHCP, NTP, ARP, ICMP, FTPc, FTPs, DDNS, RTSP (RTP, RTCP), IGMP v3, UpnP, CIFS, NFS, IEC802.1x, ONVIF		
Security	Multiple password for admin, advanced and standard users		
Audio	2-way audio, monaural		
Storage medium	MicroSD cards up to 32 GB (2 GB microSD card included in the delivery)		
Web browser	Internet Explorer 6.0 (Service Pack 2 or above) / Safari / Mozilla FireFox		
Middle-ware	Active-X		
Concurrent user	Less than 20 clients by HTTP (depends on network conditions)		
Mechanical / environmental			
Dimensions (Ø x H)	134 x 220 mm		
Ambient temperature, operating	0 – 50 °C (-30 to +50 °C with suitable weatherproof housing)		
Ambient temperature, storage	-20 to +60 °C		

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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