

## CMIP7382W-28SH

### Platinum 8 MP IR Fixed Dome Network Camera



- 1/2.5" Progressive Scan CMOS
- 3840 × 2160 @ 20 fps
- 2.8 mm fixed lens
- Color: 0.028 Lux @(F2.0, AGC on), 0 Lux with IR
- H.265, H.264,
- 120 dB WDR
- 4 Behavior analyses, and face detection
- BLC / 3D DNR / ROI / HLC
- IK10
- Built-in MicroSD / SDHC / SDXC card slot
- 3-Axis adjustment
- IR range: Up to 98 ft (30 m)

## Specifications

Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.028 Lux @(F2.0, AGC on), 0 Lux with IR
Shutter Speed	1/3 to 1/100,000 sec.
Slow Shutter	Yes
Day & Night	IR Cut Filter
WDR	120 dB
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	2.8 mm
Aperture	F2.0
Field of View	Horizontal: 102°, vertical: 53°, diagonal: 124°
Lens Mount	M12
Illuminator	
IR Range	Up to 98 ft (30 m)
Wavelength	850 nm
Video	
Max. Resolution	3840 × 2160
Main Stream	50 Hz: 20 fps (3840 × 2160), 25fps (3072 × 1728, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160, 3072 × 1728, 1920 × 1080, 1280 × 720)
Sub Stream	50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 20 fps (640 × 480, 640 × 360, 320 × 240)
Video Compression	Main stream: H.264 / H.265 Sub-stream: MJPEG / H.264 / H.265
H.264 Type	Main Profile / High Profile
H.264+	No
H.265 Type	Main Profile
H.265+	No
Video Bit Rate	32 Kbps to 16 Mbps
<i>*When mainstream resolution is 3840 × 2160, maximum frame rate will be 20 fps for all streams.</i>	
Audio	
Audio Compression	G.711 / G.722.1 / G.726 / MP2L2 / PCM / MP3
Audio Bit Rate	64 Kbps (G.711) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 - 192 Kbps (MP2L2) / 8 - 320 Kbps (MP3)
Environmental Noise Filtering	Yes
Audio Sampling Rates	8 / 16 / 32 / 44.1 / 48 kHz

<b>Smart Feature-Set</b>	
Smart Events	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Basic Events	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Face Detection	Yes
Linkage Method	Triggered recording to memory card, network storage, pre-record and post-record Triggered / captured image uploading: FTP, HTTP, NAS, Email Triggered notifications: HTTP, ISAPI, Email
Region of Interest	1 fixed region for main stream and sub-stream
<b>Image</b>	
Image Enhancement	BLC, HLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Day / Night Switching	Day / Night / Auto / Schedule / Triggered by Alarm In
<b>Network</b>	
Network Storage	MicroSD / SDHC / SDXC cards (128 GB), local storage and NAS (NFS, SMB / CIFS), ANR memory card encryption and health detection are supported.
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Simultaneous Live View	Up to 6 channels
User / Host	Up to 32 users, 3 levels: administrator, operator and user
Web Browsers	Plug-in required live view: Internet Explorer 8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+
<b>Interface</b>	
Communication Interface	1 RJ45 10/100 Mbps self-adaptive Ethernet port
Audio	1 input (line in / mic in, terminal block), 1 output (two-core terminal block), mono sound
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
Video Output	1 HDMI™, type D, female plug (-M)
On-board storage	Built-in MicroSD / SDHC / SDXC slot, up to 128 GB
HDMI Output	1920 × 1080 @ 50 / 60 fps (50 / 60 Hz), 1280 × 720 @ 50 / 60 fps (50 / 60 Hz)

General	
General Functions	Anti-flicker, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Reset	Reset via reset button on camera body, web browser and client software
Startup and Operating Conditions	IR on: 14° to 104° F (-10° to 40° C), humidity 95% or less (non-condensing) IR off: 14° to 122° F (-10° to 50° C), humidity 95% or less (non-condensing)
Storage Conditions	14° to 104° F (-10° to 40° C), humidity 95% or less (non-condensing)
Power Supply	Socket style interface: 12 VDC ± 25%, $\Phi$ 5.5 mm coaxial power plug; reverse polarity protection; PoE (802.3af, class 3) Pigtail style interface: 12 VDC ± 25%, two-core terminal block; reverse polarity protection; PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.6 A, max. 7 W; PoE (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, max. 8. 5W
Materials	Metal
Dimensions	Camera: $\Phi$ 4.7 × 3.5 in. ( $\Phi$ 119 × 90 mm)
Weight	Camera: Approx. 1.1 lbs (520 g) Shipping weight: Approx. 1.7 lbs (750 g)
Certifications	
EMC	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015
Safety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015
Environmental	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
Protection	Ingress protection: IP42(IEC 60529-2013), IK10 (IEC 62262:2002)

\*Listed resolutions are only selectable options. Specifications do not imply that all streams operate at maximum resolution at the same time.

## Dimensions

