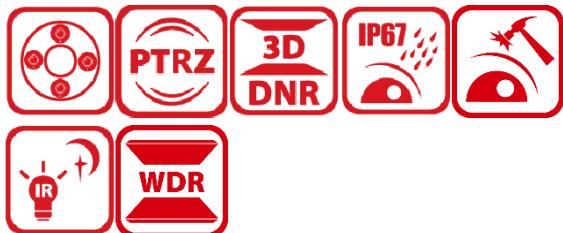


CMIP7553W5-SZ8

Platinum 5-Directional Multi-sensor Network Camera



- Four adjustable lenses and 1 fixed lens, covering up to a 360-degree field of view, eliminating blind spots
- Top lens records at up to 5 MP, capturing clear images and details easily displayed on a video wall
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67) and vandal proof (IK10)
- Human and vehicle target classification based on deep learning for up to 4 channels
- Unique InstaDome capability for efficient installation
- Audio and alarm interfaces available

Specifications

Camera

Image Sensor	Varifocal: 1/2.4" Progressive Scan CMOS; Fixed: 1/2.5" Progressive Scan CMOS
Max. Resolution	4 @ 2560 × 1920 and 1 @ 1440 × 1440
Min. Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.002 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR
Shutter Time	1 to 1/100,000 sec.
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 350°, tilt: 0° to 90°, rotate: -90° to 90°

Lens

Lens Type	4 x Varifocal motorized lenses: 2.8 to 8 mm; 1 x Fixed focal lens: 2 mm
Focal Lengths & FOV	Varifocal: horizontal FOV 96.5° to 48.9°, vertical 69.9° to 36.5°, diagonal 129° to 61.3° Fixed: horizontal FOV 71.68°, vertical 71.68°, diagonal 99.16°
Lens Mount	Ø14
Focus	Varifocal: Semi-auto, Manual
Aperture	Varifocal: 1.9 Fixed: 2.25

Supplemental Lighting

Type	IR
Range	Up to 110 ft
IR Wavelength	850 nm

Video

Main Stream	Channels 1, 2, 3, 4: 30 fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) Channel 5: 30 fps (1440 × 1440)
Sub-Stream	Channel 1, 2, 3, 4: 30 fps (704 × 480, 640 × 480) Channel 5: 30 fps (576 × 576, 480 × 480)
Third Stream	Channel 1, 2, 3, 4: 30 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	4 fixed regions for each stream
Target Cropping	Yes

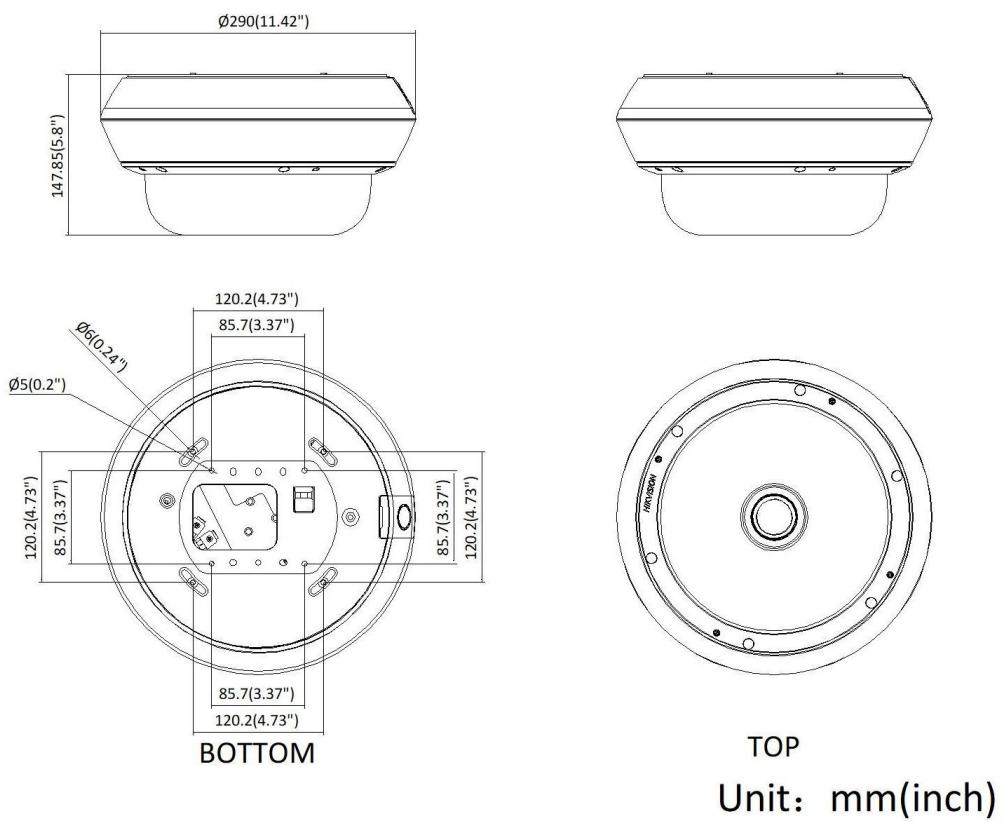
Audio

Audio Compressions	G.711 / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC-LC
Audio Bit Rates	64 Kbps (G.711 ulaw / G.711 alaw) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 to 192 Kbps (MP2L2) / 8 to 320 Kbps (MP3) / 16 to 64 Kbps (AAC-LC)
Audio Sampling Rates (kHz)	8 / 16 / 32 / 48

Environmental Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, WebSocket, WebSockets, SSL/TLS
Simultaneous Live View	Up to 20 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
User / Host	Up to 32 users 3 User levels: Administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP / HTTPS, WSSE and digest authentication for Open Network Video Interface
Network Storage	NAS (NFS, SMB / CIFS), Auto Network Replenishment (ANR), Together with memory card, memory card encryption and health detection are supported.
Client	Guarding Vision
Web Browsers	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Imaging	
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, white balance, adjustable by client software or web browser
Day / Night Switching	Day, Night, Auto, Schedule, Alarm Trigger
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Image Stabilization	EIS
Image Enhancement	BLC, HLC, 3D DNR, Defog
Privacy Mask	8 programmable polygon privacy masks
Picture Overlay	1 logo image can be overlaid on video with 128 × 128 24-bit .bmp format.
Interface	
Ethernet Interface	1 x RJ45 10/100/1000 Mbps self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, supports MicroSD / SDHC / SDXC cards up to 1 TB
Audio	1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	2 inputs, 2 outputs (max. 24 VDC, 1 A)
RS-485	1 x RS-485 (Half duplex, Pelco-P, Pelco-D, self-adaptive)
Reset Key	Yes
Event Types	
Basic	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error

Smart	Line crossing, intrusion, region entrance & exiting, scene change, unattended baggage, and object removal detections
Linkage	Upload to FTP / NAS / memory card, notify surveillance center, send email; triggered alarm output, recording, and capture
Deep Learning Functions	
Perimeter Protections	Line crossing, intrusion, region entrance, region exiting Supports alarm triggering by specified target types (humans and vehicles)
General	
Power	12 V DC ± 20%, 1.8 A, max. 21.6 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.58 A to 0.43 A, max. 25 W
Dimensions	Ø 11.42 × 5.8" (Ø 290 × 148 mm)
Shipping Dimension	17.8 × 15.47 × 15.16" (453 × 393 × 385 mm)
Weight	Approx. 10.36 lb. (4.7 kg)
Shipping Weight	Approx. 17.63 lb. (8.0 kg)
Storage Conditions	-40° to 140° F (-40° to 60° C). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-40° to 140° F (-40° to 60° C). Humidity 95% or less (non-condensing)
General Functions	Heartbeat, flash log, password reset via email, pixel counter, password protection, one-key reset, anti-banding
Certifications	
Protections	IP67: IEC 60529-2013 IK10: IEC 62262:2002

Dimensions



Accessories

