



### PRT-P8TXIR28-AIWL

8 Megapixel IP Plug & Play, Outdoor Turret, 2.8mm Fixed Lens, IR Range up to 98', White Light up to 65', WDR/D-WDR, Red/Blue Flashing Deterrent Light and/or Siren, Built-in Mic/Speaker, SD Card Slot, 12VDC/PoE

#### Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- Red/Blue Flashing Deterrent Light and/or Siren: Ai Triggered
- White Light for Color at Night: Ai Triggered
- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 98'
- White Light up to 65'
- H.265+, H.265, H.264, H.264+ Compression
- 20 FPS Recording and Live
- True WDR 120dB/D-WDR
- Supports Native Chrome/EDGE Use
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output: Built-in Speaker
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client
- NDAA Compliant

Model	PRT-P8TXIR28-AIWL				
Sensor+DSP	SC8238+SSC338Q				
Image Sensor	1/2.7" Progressive scan CMOS Sensor				
Min. Illumination	0.006lux(Color), 0lux(IR on)				
Illuminator Number	2 (IR LED) 2 (warm light)				
Illumination Distance	98' (30m) (IR) 65.6' (20m) (warm light)				
Light Modes	IR/White Light/Supplement Light				
Pan/Tilt/Rotation Range	Pan: 0°~360° Tilt: 0°~75° Rotation: 0°~360°				
Lens					
Focal Length	2.8mm				
Aperture	F1.6				
FOV	horizontal FOV:112°, vertical FOV:61°, diagonal FOV:131°				
Lens Mount	M12				
Dori Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	26.9ft(8.2m)	54.8ft(16.7m)	109.3ft(33.3m)	272.3ft(83m)
Compression Standard					
Video Compression	H.264/H.264+/H.265/H.265+				
H.264 Codec profile	Base/Main/High profile				
H.265 Codec profile	Main profile				
Video Bit Rate	11 Kbps~13 Mbps				
Triple Streams	Support				

#### Ordering Information

**PRT-P8TXIR28-AIWL**: 8 Megapixel Turret, 2.8mm

Audio Compression	G.711A/G.711U
Audio Bit Rate	64 Kbps
Image	
Max. Image Resolution	8MP(3840 × 2160)
Main Stream	50Hz:20fps 8MP(3840 × 2160) 25fps 5MP(2592 × 1944),25fps 5MP(3072 × 1728) 25fps 4MP(2560 × 1440),25fps 4MP(2304 × 1728) 25fps 3MP(2048 × 1536),25fps 1080P(1920 × 1080)
Sub Stream	60Hz:20fps 8MP(3840 × 2160) 30fps 5MP(2592 × 1944),25fps 5MP(3072 × 1728) 30fps 4MP(2560 × 1440),30fps 4MP(2304 × 1728) 30fps 3MP(2048 × 1536),30fps 1080P(1920 × 1080)
Third Stream	50Hz:20fps 720P(1280 × 720) 20fps D1(704 × 576), 20fps CIF(352 × 288) 60Hz:20fps 720P(1280 × 720) 20fps D1(704 × 480), 20fps CIF(352 × 240) Note: When the primary stream is 8M@15fps ,the frame rate of the sub-stream is only 15fps
Image Setting	Brightness/Contrast/Saturation/Hue/Sharpness
Shutter Time	Auto/Manual, 1/3~1/10000s
Day/Night	IR Cut Filter
Wide Dynamic Range	WDR&D-WDR Note: After WDR is enabled, the frame rate will be adjusted to 15fps
Digital noise reduction	2D/3D DNR
BLC	Support
HLC	Support
ROI	Support
Rotate	Support
Smart Feature	
Basic Event	Smart Motion Detection/SMD (Human and Vehicle Classification) Video cover detection
Perimeter Protection	Line Crossing/Intrusion Detection/Region Entrance/Region Exiting (Human and Vehicle Classification)
Network	
Network Storage	NAS(NFS/CIFS)
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,IGMP,UPnP,SMTp,UPnP-TM,P2P,Bonjour
System compatibility	Onvif (Profile S G T)
Security	User authentication,IP address filtering,Video mask
User	Up to 40 user
Mobile Surveillance	iPhone, iPad,Android devices
Active Deterrence	
Red/Blue Light Warning	Flash: 5 s-30 s; frequency: high/medium/low
Sound Warning	Number of times: 1-10, 103 dB
Interface	
Communication interface	1 RJ45 10M / 100M Ethernet Port
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 256GB
MIC	Support
Speaker	Support
Audio I/O	NA
Alarm I/O	NA
Reset button	Support
Audio Sensitivity	-34±3dB
General	
Operating Conditions	-22°F ~ 140°F (-30°C ~ 60°C) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%
POE	PoE (802.3af)
Power Consumption	MAX. 10W
Protection Level	IP67
Material	Metal
Dimensions	Φ4.1 x 3.2 in (103.5 × 82.4 mm)
Gross Weight	.99 lbs (450g)

