

## ***4MP with Wise-ISP Active Deterrence Mini PTZ Camera***



## ***IPCSDWI45X***

- > Fully Adheres to National Defense Authorization Act (NDA) Guidelines
- > Support Wise-ISP technology, deeply optimizing color, detail, and smear effects in extremely low-light scenes
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage
- > 2880\* 1620@30fps in the main stream, 16:9 aspect ratio
- > Smart Intrusion prevention, support false alarm filtering, Cross Line Detection, Intrusion Detection
- > Up to 120 dB WDR (Wide Dynamic Range)
- > Two-way Audio, Built in Mic and Speaker
- > 40 m (131.23 ft) warm light distance
- > DC12V or PoE (IEEE 802.3at) power supply
- > Built-in Micro-SD Card Slot enables local storage up to 512GB and ANR
- > IP66 Weather Resistant Housing and Optional Mounts Available

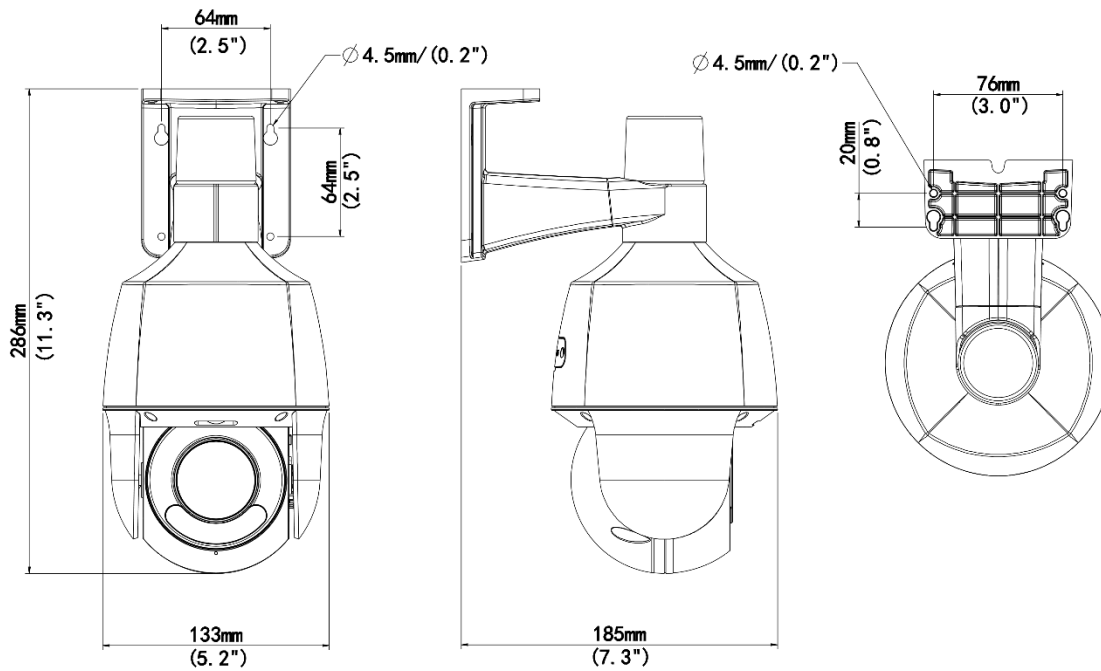
## Specifications

Camera					
Sensor	1/1.8" CMOS				
Minimum illumination	Color: 0.0005 lux (F1.2, AGC ON)				
True Day / Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto / Manual, 1 ~ 1/100000s				
WDR	120dB				
S/N	>56dB				
Lens					
Lens	2.7 ~ 13.5mm				
Optical / Digital Zoom	5x				
Field of View (H)	113.69°~50.29°				
Field of View (V)	59.46°~28.45°				
Field of View (D)	156.23°~59.34°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.7	98.6 m (323.3 ft)	39.4 m (129.3 ft)	19.7 m (64.7 ft)	9.9 m (23.3 ft)
	13.5	209.9 m (688.7 ft)	84.0 m (275.5 ft)	137.7 m (451.7 ft)	21 m (68.9 ft)
Illuminator					
Warm Light Range	Up to 40 m (131.2 ft)				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	4MP (2560 x 1440)@25fps (Default) 4MP (2688 x 1520), Max 30fps; 4MP (2560 x 1440), Max 30fps;				
Video Bit Rate	128 Kbps~ 6144 kbps				
U-code / ROI	Support				
OSD	Up to 8				
Privacy Mask	Up to 4 areas				
Video Stream	Triple streams				
Image					
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2				
Digital Noise Reduction	2D / 3D DNR				
Smart IR	Support				
Flip	Normal / Vertical / Horizontal / 180°				
HLC	Support				
BLC	Support				
Defog	Digital Defog				

Intelligence	
Smart intrusion prevention	Support False Alarm Filtering: Cross Line Detection, Intrusion Detection (based on Human Body and Vehicle Detection)
Events	
Basic Detection	Motion detection, Audio detection, Tampering Alarm
Auto Tracking	Support, target filtering: human only
General Function	Watermark, IP Address Filtering, Alarm input, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way audio	Support
Suppression	Support
Sampling Rate	8 kHz, 16 kHz
Storage	
Edge Storage	Micro SD, up to 512GB
Network	
Protocols	TLS1.3, SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Security	Password Protection; Strong Password; HTTPS Encryption; Export Operation Logs; Basic and Digest Authentication for RTSP; Digest Authentication for HTTP; TLS 1.2; WSSE and Digest Authentication for ONVIF
Client	Guard Station, Guard Viewer, Guard Live
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
Pan & Tilt	
Pan Range	0° ~ 345°
Pan Speed	1°/s ~ 50°/s
Tilt Range	-10° ~ 100°
Tilt Speed	1°/s ~ 40°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	120s~1800s
Home Position	Support
Interface	
Audio I/O	1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]
Alarm I/O	1 / 1
Built-In Mic	Support
Built-In Speaker	Support
Network	1 x RJ45 10M/100M Base-TX Ethernet

General	
Power	DC 12V (±25%, 3A), PoE+ (IEEE 802.3at);
Environment	Working: -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) Storage: -40°C ~ 70°C (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	2KV
Reset Button	Support
Conformity Certifications	IP66, CE, UL

## Dimensions



## Accessories

See Camera Accessories Guide