

8MP Wise-ISP, 2-Way Audio, WDR, AI Turret



IPT4KD28AIX

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Color Hunter with Wise-ISP technology ensures 24-hour full-color images
- > High quality image with 8 MP, 1/2.7" CMOS sensor; H.265, H.264, MJPEG
- > Smart Intrusion prevention, support false alarm filtering, Cross Line Detection, Intrusion Detection
- > 130 dB true WDR technology ensures clear image in strong backlight scene
- > Two-way Audio, Built in Mic and Speaker
- > Smart IR, up to 30 m (98.4 ft) IR distance
- > DC12V or PoE (IEEE 802.3af) power supply
- > Built-in Micro-SD Card Slot enables local storage up to 512GB and ANR
- > IP67 Weather Resistant Housing and Optional Mounts Available

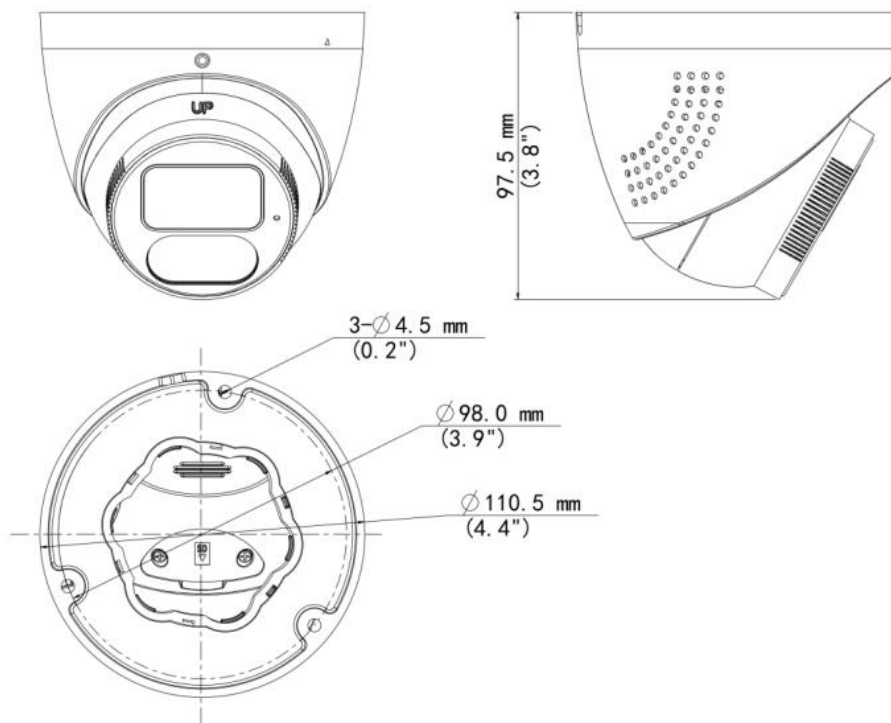
Specifications

Camera				
Sensor	1/2.7", 8 megapixel, CMOS			
Minimum illumination	Color: 0.002 Lux (F1.4, AGC ON), 0 Lux with light			
True Day / Night	IR-cut filter with auto switch (ICR)			
Smart Illumination	Support			
Shutter	Auto / Manual, 1 ~ 1/100000s			
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 80°, Rotate: 0° to 360°			
WDR	130dB			
S/N	>56dB			
Lens				
Lens	2.8 Fixed			
Iris	F1.4			
Field of View (H)	98.7°			
Field of View (V)	53.6°			
Field of View (D)	113.4°			
DORI				
DORI Distance	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	84.0 m (275.6 ft.)	33.6 m (110.2 ft.)	16.8 m (55.1 ft.)	8.4 m (27.6 ft.)
Illuminator				
IR Range	30m (98.4 ft.)			
Warm Light Range	30 m (98.4 ft.)			
Wavelength	850 nm			
Supplemental Light	Dual light			
Video				
Video Compression	H.265, H.264, MJPEG			
Frame Rate	8 MP (3840 × 2160), max. 30 fps (Main Stream)			
	5 MP (3072 × 1728), max. 30 fps (Main Stream)			
	4 MP (2560 × 1440), max. 30 fps (Main Stream)			
	1080P (1920 × 1080), max. 30 fps (Main Stream, Sub Stream)			
	720P (1280 × 720), max. 30 fps (Main Stream, Sub Stream)			
	D1 (720 × 576), max. 30 fps (Sub Stream, Third Stream)			
	640 × 360, max. 30 fps (Sub Stream, Third Stream)			
	2CIF (704 × 288), max. 30 fps (Third Stream)			
	CIF (352 × 288), max. 30 fps (Third Stream)			
Video Bit Rate	128 Kbps~ 16 Mbps			
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
Flip	Normal / Vertical / Horizontal / 180° / 90° Clockwise / 90° Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog
Dewarping	N/A
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
Smart Detection	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle); People flow counting and crowd density monitoring
General Function	Watermark, IP Address Filtering, Alarm input, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Other Functions	N/A
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 512GB
Network Storage	ANR; NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, 802.1x, SNMP, QoS, SSL/TLS, SSH, HTTPS, SMTP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	Guard Station, Guard Viewer, Guard Live
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Pan, Tilt, Zoom	
Optical Zoom	N/A
Pan	N/A
Tilt	N/A
Presets	N/A
Patrols	N/A
Dwell Times	N/A
Home Position	N/A
Auto-Tracking	N/A

Interface	
Audio I/O	0/0;
Alarm I/O	0/0;
Built-In Mic	Support
Built-In Speaker	Support
Network	1 x RJ45 10M/100M Base-TX Ethernet
Additional Ports	N/A
General	
Power	DC 12V (±25%) on Ø5.5 mm coaxial power plug, PoE+ (IEEE 802.3af); Max. 11.5W; 4 KV Surge
Dimensions	Ø111 mm × 98 mm (Ø4.4" × 3.8") (Ø × H)
Material	Metal
Environment	Working: -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) Storage: -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Screws & Offset	3- Ø4.5mm; Ø 98.0mm
Reset Button	N/A
Conformity Certifications	IP67, CE, UL

Dimensions



Accessories

See Camera Accessories Guide