

5MP, DWDR, IR TURRET DOME



Fixed Lens Turret Dome

IPT5U28X

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Exceptional Video Quality with 5MP, 2880 x 11620 Resolution
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful, Smart IR LED Lights for 0Lux Night Time Operation up to 98 Feet
- > 2.8mm fixed lens
- > Built-in Microphone, Backlight Compensation, 3D DNR (Digital Noise Reduction); ONVIF Profile Series Compliant
- > Defog, Privacy Mask and Motion Detection, Dual Video Streams
- > Intelligent Perimeter Protection with Smart Intrusion Detection Analytics
- > PoE & 12VDC Power Options and Optional Mounts Available; IP67 Weather Resistant Housing
- > Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Devices

Specifications

Camera				
Sensor	5 MP 1/3.0' CMOS			
Minimum illumination	Color: 0.01 lux (F2.0, AGC ON); 0 Lux with IR			
Day / Night	IR-cut filter with auto switch (ICR)			
Shutter	Auto / Manual, 1 ~ 1/100000s			
Adjustment angle (3-way Axis)	Pan: 0° ~ 360°; Tilt: 0° ~ 80°; Rotate: 0° ~ 360°			
WDR	DWDR			
S/N	>52dB			
Lens				
Lens	2.8 mm			
Iris	F2.0			
Field of View (H)	94.3°			
Field of View (V)	52.2°			
Field of View (O)	99.6°			
DORI				
DORI Distance	Detect	Observe	Recognize	Identify
	63.0m (206.7ft)	25.2m (82.7ft)	12.6m (41.3ft)	6.3m (20.7ft)
Illuminator				
IR Illumination Distance	30 m (98.4 ft)			
IR On / Off Control	Auto / Manual			
Wavelength	850nm			
Video				
Video Compression	Ultra 265, H.265, H.264			
H.264 code profile	Baseline profile, Main profile, High profile			
Frame Rate	Main Stream: 5MP (2592*1944), Max 20fps; 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps			
Video Bit Rate	128 Kbps to 6144 kbps			
U-code	Supported			
OSD	Up to 4 OSDs			
Privacy Mask	Up to 4 areas			
ROI	Support			
Video Stream	Dual streams			

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IP CAMERAS

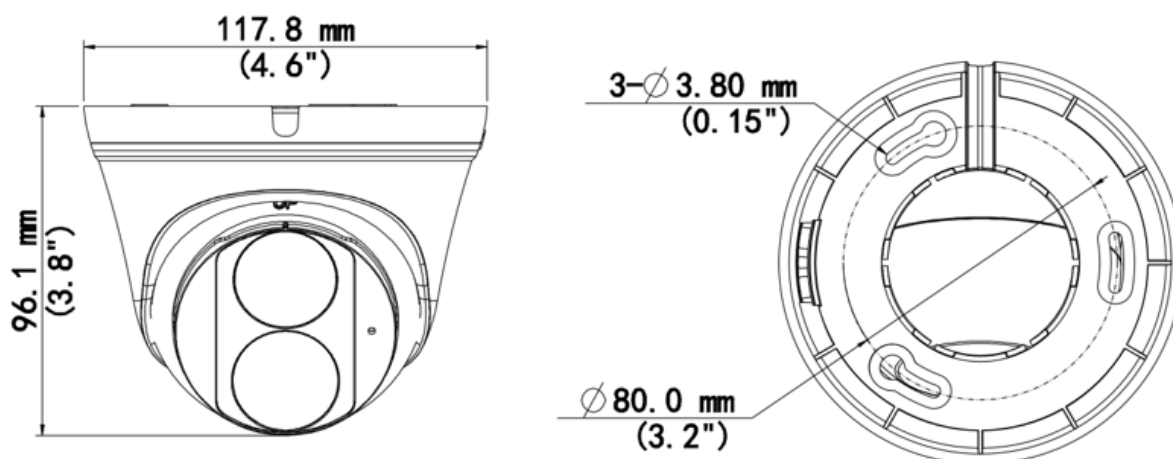
Image	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2
Digital Noise Reduction	2D / 3D DNR
Smart Illumination	Supported
Flip	Normal; Flip Vertical; Flip Horizontal; 180°
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog
Events	
Basic Detection	Human body detection 2.0, Motion detection, Audio detection
General Function	Watermark; IP Address Filtering; Alarm input; Alarm output; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication
Audio	
Audio Compression	G.711U;G.711A
Audio Bitrate	64 Kbps
Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	N/A
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile T) , API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
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 Live, Guard Viewer
Web Browser	Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+, Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
Interface	
Built-in Microphone	Supported
Network	1 * RJ45 10M/100M Base-TX Ethernet
Conformity Certifications	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035), FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1); UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)

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General	
Power	DC 12V $\pm$ 25%, PoE (IEEE 802.3af). Max: 3.9 W
Power Interface	$\varnothing$ 5.5mm coaxial power plug
Dimensions ($\varnothing$ x H)	$\varnothing$ 118 x 95mm ($\varnothing$ 4.6" x 3.8") ($\varnothing$ x H)
Weight	0.25kg (0.55lb)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: $\leq$ 95% RH (non-condensing)
Surge Protection	4KV
Reset Button	N/A

Dimensions



Accessories

See Camera Accessories Guide