

## **4MP, Wise-ISP, WDR, AI, TURRET**



*Fixed Lens Turret*

### ***IPT4WI28X***

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Wise-ISP technology ensures ultra-high color image up to 0.0003 Lux
- > Exceptional Video Quality with 4MP, 2688 x 1520 Resolution
- > H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful White Light Operation up to 98 Feet
- > 2.8mm Fixed Lens; ONVIF Profile S Compliant
- > Exceptional Night Time Color Image and WDR functionality
- > Dual Video Streams, Built-in mic, Smart Illumination, Digital Defog and 3D DNR
- > Intelligent, smart intrusion prevention technology for significantly reduced false alarms when focusing on humans and motor vehicles
- > PoE & 12VDC Power Options and Optional Wall and Pendant Mounts Available
- > Built-in Micro-SD Card Slot enables local storage up to 256GB
- > 3-Way Axis, CE and IP67 Weather Resistant
- > Supported by uniview tec Guard Station Software, as well as Guard Live and Guard Viewer Mobile App's for iPhone and Android Devices

[www.univiewtechnology.com](http://www.univiewtechnology.com)

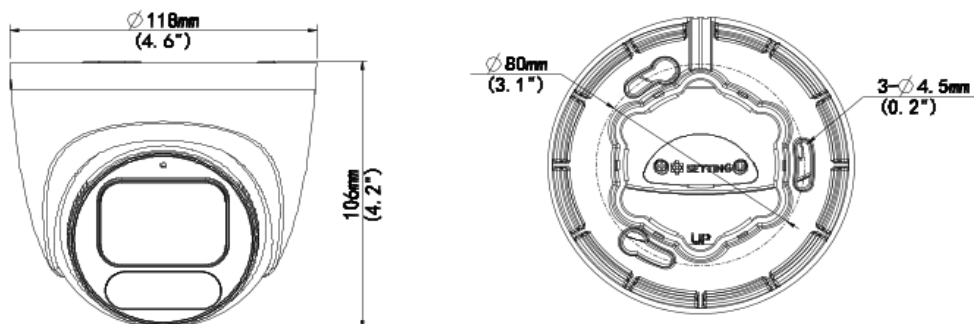
## Specifications

Camera	Description
Max Resolution	4MP
Sensor	1/1.8" CMOS
Min. Illumination	Color : 0.0003 lux (F1.0, AGC ON)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotate: 0° ~ 360°
S/N	>52dB
WDR	120dB
Lens	Description
Focal Length	2.8mm
Iris Type	Fixed
Iris	F1.0
Field of View (H)	110.4°
Field of View (V)	60.5°
Field of View (D)	115.2°
DORI	Description
DORI Distance(Lens)	2.8mm
DORI Distance(Detect)	43.4m(142.5.7ft)
DORI Distance(Observe)	17.4(57.0ft)
DORI Distance(Recognize)	8.7(28.5ft)
DORI Distance(Identify)	4.3(14.3ft)
Illuminator	Description
Illumination Distance (Warm Light)	30m
Light On/Off Control	Auto/Manual
Video	Description
Video Compression	H.265; H.264; MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main: 4MP (2688*1520) @25fps; 4MP (2560*1440) @25fps; 3MP (2304*1296) @30fps; 1080P (1920*1080) @30fps; Sub: 720P (1280*720) @30fps; D1 (720*576) @30fps; 640*360 @30fps
Video Bit Rate	128 Kbps ~ 6144 Kbps
U-code	Support
OSD; Privacy Mask	Up to 4
ROI	Up to 8 areas
Video Stream	Dual Streams
Image	Description
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2

Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
<b>Events</b>	<b>Description</b>
Basic Detection	Motion Detection; Ultra Motion Detection; Tampering Alarm; Audio Detection; Cross Line (based on Human Body Detection); Intrusion (based on Human Body Detection)
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication
<b>Audio</b>	<b>Description</b>
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8KHZ
<b>Storage</b>	<b>Description</b>
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR; NAS (NFS)
<b>Network</b>	<b>Description</b>
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; RTMP; SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T); API; SDK
User/Host	Up to 32 users, 2 user levels: administrator and common user
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 Live, Guard Viewer, Guard Station
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
<b>Interface</b>	<b>Description</b>
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support

Built-in Speaker	N/A
WIFI	N/A
Network	1 x RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
<b>Certification</b>	<b>Description</b>
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)
<b>General</b>	<b>Description</b>
Power	DC 12V±25%, PoE (IEEE 802.3af); Power consumption: Max 2.8W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Ø118x106mm (Ø4.6" x 4.2")
Weight	0.48kg(1.06lb)
Material	Metal + Plastic
Environment	-30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Support

## Dimensions



## Accessories

See Camera Accessories Guide