

4MP, WDR, AI, IR, TURRET



Fixed Lens Turret

IPT4ES28X

- > Fully Adheres to National Defense Authorization Act (NDA A) Guidelines
- > Easy Star Illumination technology ensures color image up to 0.003 Lux (F1.6, AGC ON)
- > Exceptional Video Quality with 4MP, 2688 x 1520 Resolution
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful, Smart IR LED Lights for 0Lux Nighttime Operation up to 98 Feet
- > 2.8mm Fixed Lens; ONVIF Profile S Compliant
- > TRUE Day/Night and WDR functionality for all Lighting Conditions
- > Dual Video Streams, Built-in mic, Corridor Mode, Backlight Compensation 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 512GB
- > 3-Way Axis 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

Specifications

Camera	Description
Max Resolution	4MP
Sensor	1/3.0" CMOS
Min. Illumination	Color: 0.003 lux (F1.6, AGC ON); 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 80°, Rotate: 0° ~ 360°
S/N	>52dB
WDR	120dB
Lens	Description
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.6
Field of View (H)	97.0°
Field of View (V)	52.2°
Field of View (D)	107.5°
DORI	Description
DORI Distance(Lens)	2.8mm
DORI Distance(Detect)	63.0m(206.7t)
DORI Distance(Observe)	25.2m(82.7ft)
DORI Distance(Recognize)	12.6m(41.3ft)
DORI Distance(Identify)	6.3m(20.7ft)
Illuminator	Description
Supplemental Light	IR
Illumination Distance(IR)	30 m (98.4 ft)
Wavelength	850 nm
IR 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; 720P (1280*720) @30fps Sub: 720P (1280*720) @25fps; D1 (720*576) @30fps; 640*360 @30fps
Video Bit Rate	128 Kbps ~ 6144 Kbps
U-code	Support
OSD, Privacy Mask	Up to 4
ROI	Support

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IP CAMERAS

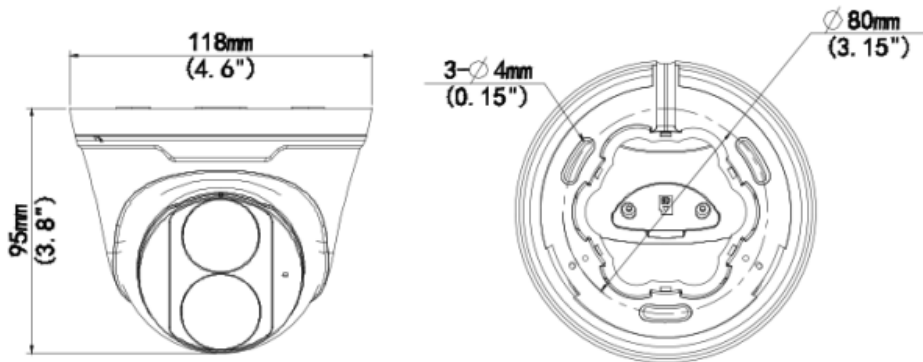
Video Stream	Dual Streams
Image	Description
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90° Clockwise; 90° Anti-Clockwise
De-warping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
Events	Description
Basic Detection	Cross Line (based on Human Body Detection); Intrusion (based on Human Body Detection); Motion Detection; Ultra Motion Detection; Tampering Alarm; Audio Detection
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication
Audio	Description
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8 KHz
Storage	Description
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	Description
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL/TLS, 802.1x, SNMP
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
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
Interface	Description
Audio I/O	N/A
Alarm I/O	N/A

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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
Certification	Description
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)
General	Description
Power	DC 12V±25%, PoE (IEEE 802.3af); Max 4.4W
Power Interface	Ø 5.5 mm coaxial power plug
Dimensions	Φ118 x 95mm (Φ4.6" x 3.8") (Ø x H)
Weight	0.32kg (0.71lb)
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