4K (8MP), TRUE DAY/NIGHT, WDR, IR TURRET DOME

4K Fixed Lens Turret

IPT4KE28BX

> Fully Adheres to National Defense Authorization Act (NDAA) Guidelines

> Exceptional Video Quality with 4K (8MP), 3840 x 2160 Resolution

> Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements

> Powerful, Smart IR LED Lights for 0 Lux Night Time Operation up to 98 Feet

> 2.8 fixed, wide-angle lens and One-way Audio with Built-in Microphone

> TRUE Day/Night and WDR functionality for all Lighting Conditions

> Backlight Compensation, Corridor Mode, Defog and 3D DNR (Digital Noise Reduction)

> Dual Video Streams, ONVIF Profile S Compliant

> Intrusion Detection Analytics

> 3-Way Axis, IP67 Weather Resistant Housing and PoE & 12VDC Power Options

> Built-in Micro-SD Card Slot enables local storage up to 256GB

> Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Device
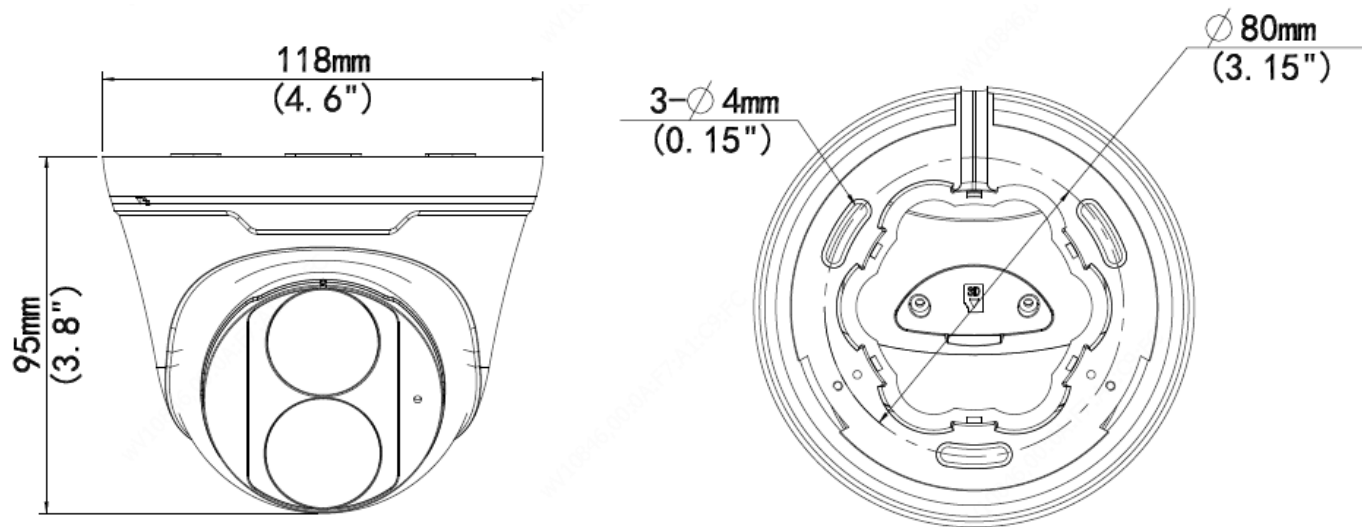
www.univiewtechnology.com

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Specifications

Camera	
Sensor	1/2.7" 8MP, progressive scan CMOS
Minimum illumination	Color: 0.005 lux (F1.6, AGC ON); 0 lux with IR on
True 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°
WDR	120dB
S/N	>56dB

Lens	
Lens	2.8mm@F1.6
Iris	Fixed
Field of View (H)	112.9°
Field of View (V)	59.1°
Field of View (O)	121.2°

DORI				
DORI Distance	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	84	33.6	16.8	8.4

Illuminator	
IR Range	Up to 30m (98ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual

Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 8MP (3840 x 2160), Max 20fps; 5MP (3072 x 1728), Max 30fps; 4MP (2560 x 1440), Max 30fps; 1080P (1920 x 1080), Max 30fps Sub Stream: 1080P (1920 x 1080), Max 30fps;720P (1280 x 720), Max 30fps; D1 (720 x 576), Max 30fps; 640 x 360, Max 30fps; 2CIF (704 x 288), Max 30fps; CIF (352 x 288), Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
U-code	Supported
9:16 Corridor Mode	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas

Image	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2

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Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser
Digital Noise Reduction	2D / 3D DNR
Smart IR	Supported
Flip	Normal / Vertical / Horizontal / 180° / 90°Clockwise / 90°Anti-clockwise
HLC	Supported
BLC	Supported
Defog	Digital Defog

Events

Basic Detection	Cross Line, Intrusion (based on human body detection) motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication

Audio

Audio Compression	G.711
Suppression	Support
Sampling Rate	8KHZ

Storage

Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS (NFS)

Network

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP
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 Station, Guard Viewer
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

Built-in Mic	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet

General

Power	DC 12V±25%, PoE (IEEE 802.3af); Power consumption: Max 4.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø × H)	Φ118 x 95mm (Φ4.6" x 3.8")
Weight	0.36kg (0.79lb)
Material	Metal + Plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Conformity Certifications	IP67, CE, FCC

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Dimensions

Accessories

See Camera Accessories Guide

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