

TNP-X6322EPT3-Z

2 MP 32x Network PTZ Explosion Proof Dome Camera



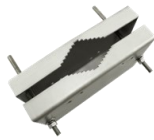
Key Features

- 2 MP (1920 x 1080) resolution, 32x optical zoom
- H.265, H.264, MJPEG codec support
- Multiple streaming, WiseStreamII support
- Day & Night (ICR), WDR (150dB)
- DIS with Built-in Gyro sensor
- Auto tracking, Intelligent video analytics
- Dual SD Memory slots (Maximum 512GB)
- Hazardous Rated for Class I III Division 1 Groups B, C, D, E, F, G cFmus Approved and II 2 G Ex db IIB+H2 II 2 D Ex tb IIIC IECEX ATEX certified
- Patented design which includes a uniform constructed enclosure consisting of an integrated termination box manufactured directly into the camera housing
- Anodized aluminum housing

Accessories (Optional)



HT-SD-WM Wall Mount (Required)



HT-SPMA-SD Pole Mount Adapter



HT-SD-CM Corner Mount Adapter



HT-SD-FP Fall Protection Lanyard Kit



CERT NO. FM17US0156X & FM18CA0103X
 Class I Division 1 Groups B,C,D T6, Ta = -20°C to +55°C Type 4X, IP66
 Class II/III, Division 1, Groups E,F,G T6 Type 4X, IP66/67 Ta = -20°C to +55°C
 Class I, Zone 1, AEx/Ex db IIB+H2 T6 Gb Ta = -20°C to +55°C, Type 4X, IP66
 Zone 21, AEx/Ex tb IIIC T85°C Db Ta = -20°C to +55°C, Type 4X, IP66
 CERT NO. FM18ATEX0057X & IECEX FMG 18.0020X
 II 2 G Ex db IIB+H2 T6 Gb Ta = -20°C to +55°C, IP66
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VIDEO	Imaging Device: 1/2.8" 2.4 MP CMOS Total / Effective Pixels: 1,981 (H) x 1,288 (V), 2.55 MP / 1,944 (H) x 1,212 (V), 2.35 MP Scanning System: Progressive Minimum Illumination: Color: 0.05Lux (F1.6), B/W: 0.005Lux (F1.6) S / N Ratio: 50dB
LENS	Focal Length (Zoom Ratio): 4.44 ~ 142.6mm (Optical 32x) Maximum Aperture Ratio: F1.6(Wide) / F4.4(Tele) Angular Field of View: H: 61.8° (Wide) ~ 2.19° (Tele) / V: 36.2° (Wide) ~ 1.24° (Tele) Minimum Object Distance: Wide: 1.5m (4.92ft), Tele: 2m (6.56ft) Focus Control: Auto / Manual / One shot AF Lens / Mount Type: DC Auto Iris / Board-in type
PAN / TILT / ROTATE	Pan / Tilt Range: 360° Endless / 210° (-15° ~ 195°) Pan / Tilt Speed: Preset: 700°/sec, Manual: 0.024°/sec ~ 200°/sec Sequence: Preset (300ea), Swing, Group (6ea), Trace, Tour (1ea), Auto run, Schedule Preset Accuracy / Azimuth: ±0.2° / Yes (E / W / S / N / NE / NW / SE / SW) Auto Tracking: Support
OPERATIONAL	Camera Title: Off / On (Displayed up to 85 characters) - English / Numeric / International characters / Special characters - Common: Multi-line (Max. 5), Color (Gray / Green / Red / Blue / Black / White), Transparency, Auto scale by resolution Day & Night: Auto (ICR) / Color / B/W / Schedule Backlight Compensation: Off / BLC / HLC / WDR Wide Dynamic Range: 150dB Contrast Enhancement: SDDR (Off / On) Digital Noise Reduction: SSSNRV (2D + 3D Noise filter) (Off / On) Digital Image Stabilization: Off / On (Built-in Gyro sensor) Defog: Off / Auto / Manual Motion Detection: Off / On (8ea, Polygonal) Privacy Masking: Off / On (24 rectangular zones) - Color: Gray / Green / Red / Blue / Black / White / Mosaic - Zoom ratio option for mask mode Gain Control: Off / Low / Middle / High White Balance: ATW / AWC / Manual / Indoor / Outdoor (including mercury & Sodium) Electronic Shutter Speed: Minimum / Maximum / Anti flicker (1 ~ 1/12,000sec) Digital Zoom: 32x Flip / Mirror: Off / On Intelligent video analytics: Tampering, Loitering, Directional detection, Fog detection, Virtual line, Enter/Exit, (Dis) Appear, Face detection, Motion detection Alarm Triggers: Alarm input, Motion detection, Video analytics, Network disconnect Alarm Events: File upload Via FTP and E-mail, Notification Via E-mail, TCP and HTTP, Local storage (SD/SDHC/SDXC) or NAS recording at alarm triggers, Preset Pixel counter: Support
NETWORK	Ethernet: RJ-45 (10/100 BASE-T) Video Compression Format: H.265 / H.264 (MPEG-4 part 10/AVC), MJPEG Resolution: 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240 Maximum Framerate: H.265 / H.264: 60fps at all resolutions, MJPEG: 30fps at all resolutions Smart Codec: Manual mode (Area-based: 5ea) WiseStreamII: Support Video Quality Adjustment: H.265 / H.264 / MJPEG: Target bitrate level control Bitrate Control Method: H.265 / H.264: CBR or VBR, MJPEG: VBR Streaming Capability: Multiple streaming (Up to 10 profiles) IP: IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, RTSP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMP v1/v2c/v3 (MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour
Security	HTTPS (SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication (EAP-TLS, EAP-LEAP)
Streaming Method	Unicast / Multicast
Maximum User Access	20 users at Unicast mode
Edge Storage	Micro SD/SDHC/SDXC 2 slots (up to 512GB) - Continuous recording (1st slot to 2nd slot) Motion images recorded in the SD/SDHC/SDXC memory card can be downloaded. NAS (Network Attached Storage), Local PC for instant recording
Application Programming Interface	ONVIF Profile S/G, SUNAPI 2.0 (HTTP API), Wisenet open platform
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Plug-in Free Webviewer
Web Viewer	- Supported Browser: Google Chrome, MS Edge, Mozilla Firefox (Window 64bit only), MS Explorer 11, Apple Safari 10 (Mac OS X only)
Central Management Software	Wisenet WAVE, SmartViewer, SSM
ENVIRONMENTAL	Operating Temperature / Humidity: -20°C ~ +55°C (-4°F ~ +131°F) / Less than 90% RH Storage Temperature / Humidity: -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH Ingress Protection: Type 4x / IP66
ELECTRICAL	Input Voltage / Current: PoE+ (IEEE802.3at, Class4) Power Consumption: Maximum 24W
MECHANICAL	Color / Material: RAL2000-Yellow Orange / Anodized Aluminum Dimensions (WxH): Ø8.6" x 15.82" Weight: 28 lb (12.7kg)

* The latest product information / specification can be found at hanwhasecurity.com

* Design and specifications are subject to change without notice.

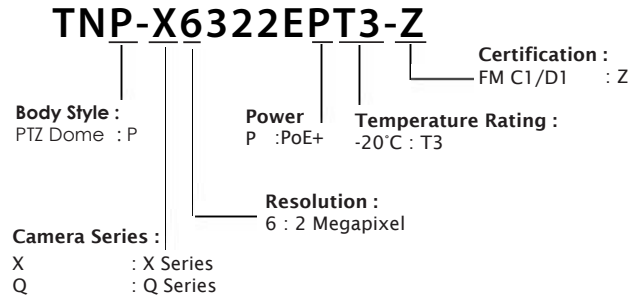
* Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

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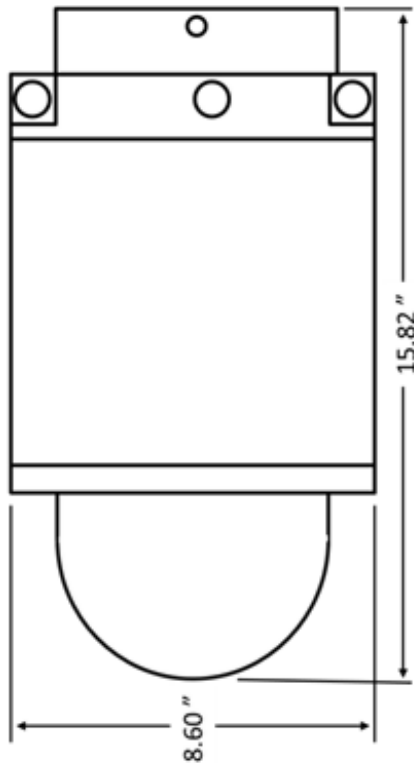
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Model Number:



Dimensions



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