



Smart Tracking



Starlight



True WDR



3D DNR



Night & Day



POE



H.265



IP66

ZTIPB-X4M-PTZ40X

Application

Wide range area intrusion, perimeter protection and alarm, such as parks, scenic spots, stations and venues, industrial park.

Specification

| Camera Module | |
|----------------------|--|
| Image sensor | 1/2.8" progressive scan CMOS |
| Mini. Illumination | Color 0.01Lux @ (F1.5 AGC ON) B/W 0.002Lux @ (F1.5 AGC ON); 0Lux with IR |
| Image setting | Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser |
| Shutter Speed | 1/1 s – 1/10,000 s |
| White Balance | Auto/Manual/Indoor/Outdoor |
| Gain | Auto/Manual |
| Day & Night | IR Cut filter |
| Digital Zoom | 16x |
| Privacy Mask | 4 Programmable privacy masks |
| 3D DNR | Auto/Manual |
| BLC | Yes |
| HLC | Yes |
| WDR | 120 dB |
| Defog | Electronic |
| EIS | Yes |
| Regional Exposure | No |
| Lens | |
| Focus length | f=4.5-180mm lens, 40x optical zoom |
| Zoom Speed | Approx. 4s (optical zoom, wide-tele) |
| Field of View | Horizontal: 62.5°~2.1° (wide-tele) Vertical: 37.3°~ 1.3° (wide-tele) Diagonal: 70°~ 2.6° (wide-tele) |
| Working distance | wide: 1.0m ~ INF; tele: 1.5m ~ INF |
| Aperture Range | F1.5 ~ F4 (wide-tele) |
| PTZ | |
| Pan Range | 360°endless |
| Tilt Range | From -25°to 90° |
| Tilt Speed | Configurable, from 0.1°~ 80°/s, Preset speed: 120°/s |
| Proportional Zoom | Yes |
| Preset | 360 |
| Cruise | 8 cruises, up to 16 presets for each cruises |
| Track | 4 tracks, record time over 3 minutes for each track |
| Power off memory | Support |
| Action mode | Preset/Cruise/Track/Auto Scan/Random Scan |
| 3D Positioning | Support |
| PTZ Position Display | Support |
| Schedule Task | Preset/Cruise/Track/Random Scan/Boundary Scanning /Dome reboot |
| IR | |
| IR Distance | 350 meter |
| Network | |
| Max Resolution | 2560×1440 |
| Main stream | 2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720 (25/30 fps) |
| Sub stream | 25fps (704 ×576, 640 ×480, 352 ×288) 30fps (704 ×480, 640 ×480, 352 ×240) |
| Third Stream | 25fps (1920 ×1080, 1280 ×960, 1280 ×720, 704 ×576, 640 ×480, 352 ×288) 30fps (1920 ×1080, 1280 ×960, 1280 ×720, 704 ×480, 640 ×480, 352 ×240) |

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|---------------------------|---|
| Video compression | Main stream: H.265+ / H.265 / H.264 + / H.264 Sub stream: H.265+ / H.265 / H.264 + / H.264 MJPEG |
| Audio compression | G.711 A/U |
| Audio Enhancement | No |
| Protocols | HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP,DHCP, PPPoE |
| Simultaneous live view | Up to 6 channels |
| User / Host | Up to 16 users, 3 levels: Administrator, Advanced User and Normal User |
| Security Measures | User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering |
| Smart Feature | |
| Basic event | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error) , defocus detection |
| Smart Detection | Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Scene change detection, Support alarm triggering by human or vehicle, filtering flag/animal. |
| Smart Tracking | Manual Tracking, Auto Tracking (human or vehicle by software setting) |
| System Integration | |
| Audio Interface | 1 audio input(MIC in);1 audio output, line level, impedance,600Ω |
| Network Interface | 1 RJ45 10M/100M Adaptive Ethernet (Support PoE 802.3.at,class 3) |
| SD Card Slot | One MicroSD/SDHC/SDXC card slot, up to 256G |
| API | Onvif Profile (S - G - T), support SDK and third-party management platform |
| Web Browser | IE8-11, Chrome41.0-44, Firefox30.0-51, Safari8.0-11 |
| General | |
| Power | DC24V,AC24V or PoE+ (802.3.at, class 3), (Max 30W, include IR, Heater, Fan working, max 9W for IR) |
| Working condition | -30°C ~ 60°C (-22°F ~ 140°F),90%RH less (non-condensing),Cold start at - 25°C |
| Storage condition | -40°C ~ 65°C ; ≤ 95% RH |
| Protection | IP67, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection |
| Material | Aluminum Alloy + Plastic |
| Dimensions | Φ 209mm × 328mm (8.22 inch Φ × 12.91 inch) |
| Weight | Approx. 3.7 Kg (8.31 lb.) |
| Certification | IP67,ROHS,CE,FC |

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