# 4MP, TRUE DAY/NIGHT, WDR, IR, BULLET
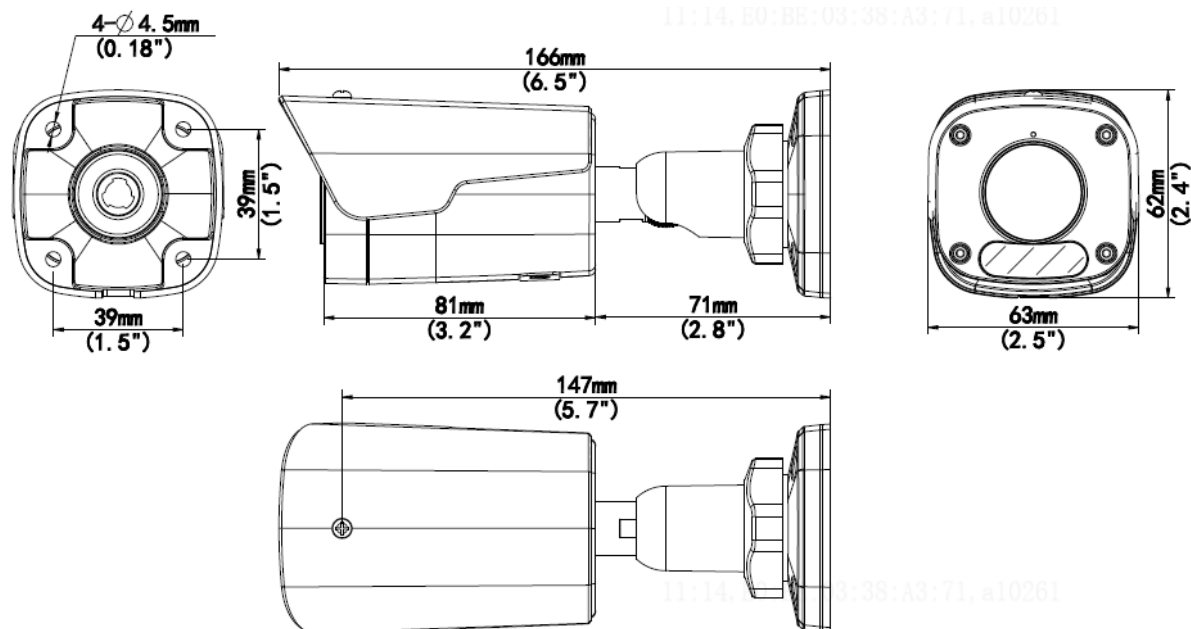


*4MP Fixed Lens Bullet*

# IPB4B28X

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

> Exceptional Video Quality with 4MP, 2560 x 1440 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

> 2.8mm fixed, wide-angle lens

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

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

> Dual Video Streams; ONVIF Profile S Compliant and built-in Microphone

> Built-in Micro-SD Card Slot enables local storage up to 128GB

> Intrusion Detection Analytics

> 3-Way Axis, IP67 Weather Resistant Housing

> PoE & 12VDC Power Options

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

## *Specifications*

| Camera | |
|---|---|
| Sensor | 1/2.9" 4MP, progressive scan CMOS |
| Minimum illumination | Color: 0.01 lux (F2.0, 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 (3-way Axis) | Pan: 0° ~ 360°;    Tilt: 0° ~ 90°; Rotate: 0° ~ 360° |
| WDR | 120dB |
| S/N | >52dB |

| Lens | |
|---|---|
| Lens | 2.8mm @ F2.0 |
| Iris | Fixed |
| Field of View (H) | 101.5° |
| Field of View (V) | 55.6° |
| Field of View (O) | 111.6° |

| DORI | | | | |
|---|---|---|---|---|
| DORI Distance | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
| | 63 | 25.2 | 12.6 | 6.3 |

| 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: 4MP (2560 x 1440), Max 30fps; 3MP (2304 x 1296), Max 30fps; 1080P (1920 x 1080), Max 30fps; 720P (1280 x 720), Max 30fps<br>Sub Stream: 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 |
| OSD | Up to 4 OSDs |
| Privacy Mask | Up to 4 areas |
| ROI | Up to 8 areas |
| Video Stream | Dual |

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

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| | |
|---|---|
| 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 |
| **Intrusion Events** | |
| Basic Detection | Motion detection, tampering alarm, audio detection |
| General Function | Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication |
| **Storage** | |
| Edge Storage | Micro SD, up to 128GB |
| Network Storage | ANR |
| **Network** | |
| Protocols | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL/TLS, SNMP |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API |
| 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 5.5W |
| Power Interface | Ø 5.5mm coaxial power plug |
| Dimensions (Ø × H) | 166 x 63 x 62mm (6.5" x 2.5 x 2.5") |
| Weight | 0.39kg (0.86lb) |
| 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

UVT70250124-00