

## 4MP LIGHTHUNTER, TDN, WDR, IR BULLET



*Fixed Lens Bullet*

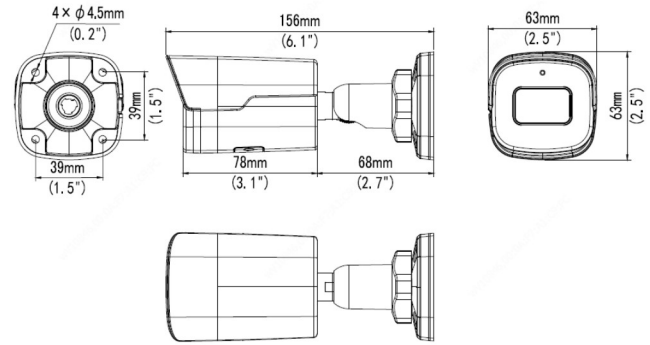
### **IPB428AIX**

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > LightHunter Technology for ultra-high quality color video images in low light applications with up 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 Night Time Operation up to 131 Feet
- > 2.8 fixed, wide-angle lens
- > TRUE Day/Night and WDR functionality for all Lighting Conditions
- > Built-in Microphone, Backlight Compensation, Corridor Mode, Defog and 3D DNR (Digital Noise Reduction)
- > Triple Video Streams & ONVIF Profile S Compliant
- > Intelligent perimeter protection such as cross line and intrusion, with smart intrusion prevention technology for significantly reduced false alarms when focusing on humans and motor vehicles
- > PoE & 12VDC Power Options, & Built-in Micro-SD Card Slot enables local storage up to 256GB
- > IP67 Weather Resistant Housing, 3-Way Axis and Optional Mounts Available
- > Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Devices

## Specifications

| Camera                                    |                                                                                                                                |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Sensor                                    | 1/3", progressive scan , 4 megapixel, CMOS                                                                                     |
| Lens                                      | 2.8 mm@ F1.6                                                                                                                   |
| Angle of View (H x V)                     | 101.1° x 55.3°                                                                                                                 |
| Shutter                                   | Auto/Manual, 1/6 ~ 1/100000 s                                                                                                  |
| Minimum Illumination                      | Color: 0.003 Lux (F1.6, AGC ON); 0 Lux with IR                                                                                 |
| Day/Night                                 | IR-cut filter with auto switch (ICR)                                                                                           |
| Digital noise reduction                   | 2D/3D DNR                                                                                                                      |
| Smart IR LED Range / Wavelength           | Up to 40m (131ft) IR range / 850nm                                                                                             |
| WDR                                       | 120dB                                                                                                                          |
| Video Compression                         | Ultra 265, H.265, H.264, MJPEG                                                                                                 |
| H.264 code profile                        | Baseline profile, Main Profile, High Profile                                                                                   |
| Maximum Frame Rate / Stream               | Main: 4MP (2688 x 1520) @ 30fps<br>Sub: 720P (1280 x 720) @ 30fps<br>Third Stream: D1 (720 x 576) @ 30fps                      |
| HLC, BLC, 9:16 Corridor, Defog, Flip      | Supported                                                                                                                      |
| OSD, Privacy Mask, Motion Detection & ROI | Up to 8 areas                                                                                                                  |
| Network                                   |                                                                                                                                |
| Protocols                                 | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS |
| Compatible Integration                    | ONVIF (Profile S, G, T), API                                                                                                   |
| Network                                   | RJ45, 10M/100M Base-TX Ethernet                                                                                                |
| Intelligent Perimeter Protection          | Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention            |
| Local & Network Storage                   | Micro-SD, up to 256GB; ANR                                                                                                     |
| General                                   |                                                                                                                                |
| Power                                     | 12VDC, PoE (IEEE802.3 af);<br>Power consumption: Max 4W                                                                        |
| Audio & Compression                       | Built-in Mic; G.711                                                                                                            |
| Dimensions (L x W x H) & Weight           | 155.9 x 63.1 x 62.7mm (6.1 x 2.5 x 2.5");<br>0.42kg (0.93lb)                                                                   |
| Operating Temperature & Humidity          | -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~95% RH (non-condensing)                                                           |
| Conformity Certifications                 | IP67, CE, FCC                                                                                                                  |

## Dimensions



## Accessories

See Camera Accessories Guide