

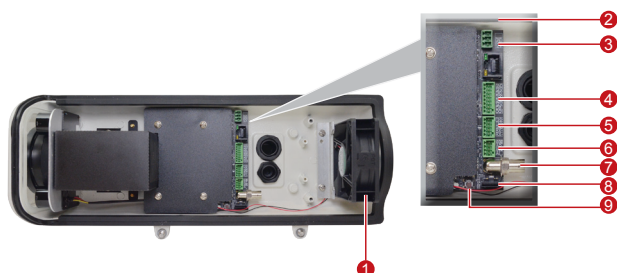
B420

5MP Video Analytics Zoom Bullet with D/N, Adaptive IR, Extreme WDR, SLLS, 36x Zoom Lens



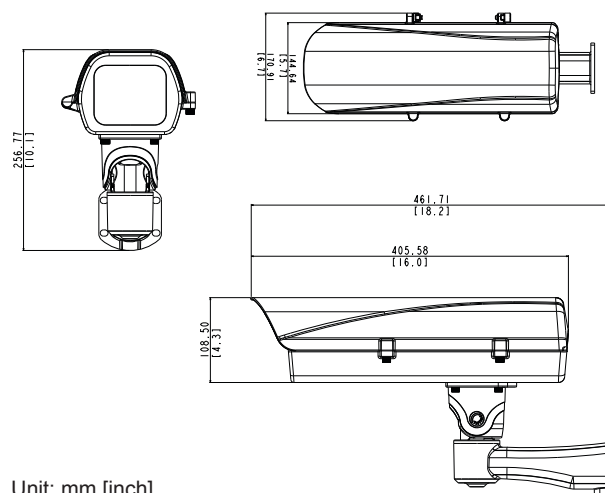
- 5 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 36x Zoom Lens with f4.6 mm ~ 165.6 mm / F1.55 ~ F5.0 with Auto Focus
- Extreme WDR (120 dB)
- 30 fps at 2592 x 1944
- Weatherproof (IP68) and Vandal Proof (IK10)
- Built-in Analytics

PHOTO INDICATION



- | | |
|--------------------------|-----------------------|
| ① Fan | ⑥ Serial Port |
| ② DC 12V | ⑦ Analog Video Output |
| ③ Ethernet Port | ⑧ Memory Card Slot |
| ④ Digital Input / Output | ⑨ Reset Button |
| ⑤ Audio Input / Output | |

DIMENSION DIAGRAM



ACCESSORY OPTIONS

| Power Supply | | |
|--------------|--|--|
| PPOE-0101 | | High PoE Injector IEEE 802.3at compliant, AC 100~240V, with universal connectors |

| Popular Mounting Solutions | |
|----------------------------|--------------------------|
| Wall | Accessories not required |
| Pole | PMAX-0508 |
| Junction Box | PMAX-0704 |

* For more mounting solutions, please refer to Project Planner on www.acti.com

PRODUCT SPECIFICATION

• Device

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|--------------------------|--|
| Device Type | Zoom Bullet Camera |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/2.9" |
| Effective Pixels | 3092 (H) x 2202 (V) (6.82 MP) |
| Horizontal Resolution | 1750 TVL |
| Day / Night | Yes |
| Low Light Sensitivity | Superior |
| Minimum Illumination | Color: 0.1 lux at F1.55 (30 IRE, 2400K) B/W: 0 lux at F1.55 (30 IRE, 2400K) |
| Color to B/W Switch | ISP based switch, configurable |
| Mechanical IR Cut Filter | Yes |
| IR LED | Adaptive IR LED |
| IR Working Distance | 150 m |
| Electronic Shutter | 1/5 ~ 1/64000 second (manual mode, 60Hz) 1/5 ~ 1/64000 second (auto mode, 60Hz) |
| S/N Ratio | 56 dB |

• Lens

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|--------------------------|--------------------------------------|
| Focal Length / Aperture | Zoom, f4.6 ~ 165.6 mm / F1.55 ~ F5.0 |
| Iris | DC Iris |
| Zoom Ratio | 36x |
| Focus | Auto Focus |
| Mount Type | Board Mount |
| Horizontal Viewing Angle | 51.14° ~ 2.17° |
| Vertical Viewing Angle | 39.62° ~ 1.62° |

• Video

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|--------------------------------|--|
| Compression | H.265 H.264 (Baseline / Main / High profile) MJPEG |
| Max. Frame Rate vs. Resolution | 30 fps at 2592 x 1944 30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 640 x 480 30 fps at 320 x 240 |
| Multi-Streaming | Simultaneous triple streams based on video configurations |
| Bit Rate | 128 Kbps ~ 12 Mbps (per stream) |
| Bit Rate Mode | Constant, Variable |
| Image Enhancement | Extreme WDR (120 dB) White Balance Brightness Saturation Contrast Auto Gain Control 2D+3D Digital Noise Reduction Flickerless Defogging Digital Image Stabilizer |
| Privacy Mask | 32 configurable 3D privacy masks |
| Text Overlay | Yes |
| Built-in Analytics | Object Based Motion Detection, Tampering Detection, Sound Detection |
| Image Orientation | Image Flip, Mirror and Rotation* |

• Audio

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|-------------|---|
| Audio Type | 2-way, Mic-in, Line-in, Line-out |
| Compression | 8kHz, Mono, PCM, 16 bit encoding, G.711 |

• Network

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|--------------------|---|
| Protocol & Service | IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X |
| Ethernet Port | 1 x RJ-45 connector |
| Security | IP Address Filtering, HTTPS Encryption, Password Protected User Level, Anonymous Login, IEEE 802.1X Network Access Control |

• Alarm

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|----------------|--|
| Alarm Trigger | Video Motion Detection (10 regions) External Device through Digital Input Sound Detection |
| Alarm Response | Notify control center Go to Zoom preset point or preset tour Change camera settings Command other devices E-mail notification with snapshots Push notification to mobile device Save video to local storage Upload video to NVR server Upload video or snapshot to FTP server Activate external device through digital output |

• Interface

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|----------------|---|
| Digital Input | 2, Terminal block |
| Digital Output | 2, Terminal block |
| Serial Port | 1, RS-485 / RS-422 |
| Local Storage | MicroSDHC, MicroSDXC memory card slot (card not included) |

• General

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|----------------------------|---|
| Power Source / Consumption | High PoE (IEEE802.3at) / 25.5W, DC 12V (adapter not included) |
| Environmental Casing | Weatherproof (IP68 rated) Vandal Proof (IK10 rated) |
| Bundled Accessories | Integrated Bracket |
| Mount Type | Wall Mount Pole Mount |
| Fan | Yes |
| Heater | Yes |
| Starting Temperature | -40°C ~ 60°C (-40°F ~ 140°F) |
| Operating Temperature | -40°C ~ 60°C (-40°F ~ 140°F) |
| Operating Humidity | 10% ~ 85% RH |
| Approvals | CE, FCC, IP68, IK10 (metal casing), NEMA 4X, UL (for optional power adapter and PoE injector) |

• Integration

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|-------------------------|---|
| Unified Solution | Fully compatible with ACTi software |
| ISV Integration | Software Development Kit (SDK) available, ONVIF compliant (Profile S, Profile G), GB28181 compliant |
| Firmware Access Browser | Microsoft Internet Explorer 11 |
| Auto Firmware Upgrade | Yes |
| GPS Position | Manual Setting |