# Z315

## 5MP Mini Bullet with D/N, Adaptive IR, Superior WDR, SLLS, Fixed Lens

- 5 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens, f2.8mm/F1.6
- Superior WDR (120dB)
- Super wide angle
- Event trigger, response and notification

## Specifications

### Device

| | |
|---|---|
| Product Type | Mini Bullet |
| Maximum Resolution | 5MP |
| Application Environment | Outdoor |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/2.7 " |
| Day / Night | Yes |
| Low Light Sensitivity | Superior |
| Minimum Illumination | Color: 0.003 lux at F1.6 (AGC on); B/W: 0 lux (IR LED on) |
| Mechanical IR Cut Filter | Yes |
| IR LED | Adaptive IR LED (850 nm) |
| IR Working Distance | 50m |
| S/N Ratio | 75 dB |

### Lens

| | |
|---|---|
| Focal Length | Fixed focal, f2.8mm |
| Aperture | F1.6 |

| | |
|---|---|
| Iris | Fixed iris |
| Horizontal Viewing Angle | 112.9° |
| Vertical Viewing Angle | 59.1° |
| Viewing Angle Adjustment | Pan: 0°-360°, Tilt: 0°-90°, Rotation: 0°-360° |

## Video

| | |
|---|---|
| Compression | H.265 Adaptive Stream (equivalent to Zip or Smart Stream or H.265+), H.264 (Baseline/ Main/ High profile), MJPEG |
| Maximum Frame Rate vs. Resolution | 25 fps at 2880 x 1620 25 fps at 2560 x 1440 30 fps at 2304 x 1296 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 720 x 576 30 fps at 640 x 360 |
| Multi-Streaming | Simultaneous dual streams |
| Bit Rate | 128Kbps - 16Mbps (per stream) |
| Wide Dynamic Range | Superior WDR (120 dB) |
| Image Enhancement | White Balance, Defogging |
| Digital Noise Reduction | 2D + 3D DNR |
| Privacy Mask | 4 configurable regions |
| Built-in Analytics | Smart Motion Detection, People Detection, Vehicle Detection, Tampering Detection, Object Line Crossing Detection, Intrusion Detection (Forbidden Area Detection) |
| Image Orientation | Flip, Mirror, Rotation (Corridor mode) |

## Audio

| | |
|---|---|
| Audio Type | 1-way, Built-in Microphone |
| Audio Compression | G.711 |

## Network

| | |
|---|---|
| Network Protocol & Service | IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, SNMP, QoS, SSL, IEEE 802.1X |
| Ethernet Port | 1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector |

## Event

| | |
|---|---|
| Event Trigger | Video motion detection, Sound detection, Intelligent event detection |
| Event Response | E-mail notification with snapshots, Upload snapshot to FTP server, Save video or snapshot to storage |

## Integration

| | |
|---|---|
| ONVIF Compliant | Yes, Profile S, Profile G, Profile T |
| Web Browser | IE 11, Google Chrome, Microsoft Edge, Firefox |

## Interface

| | |
|---|---|
| Operating Button | No |

## General

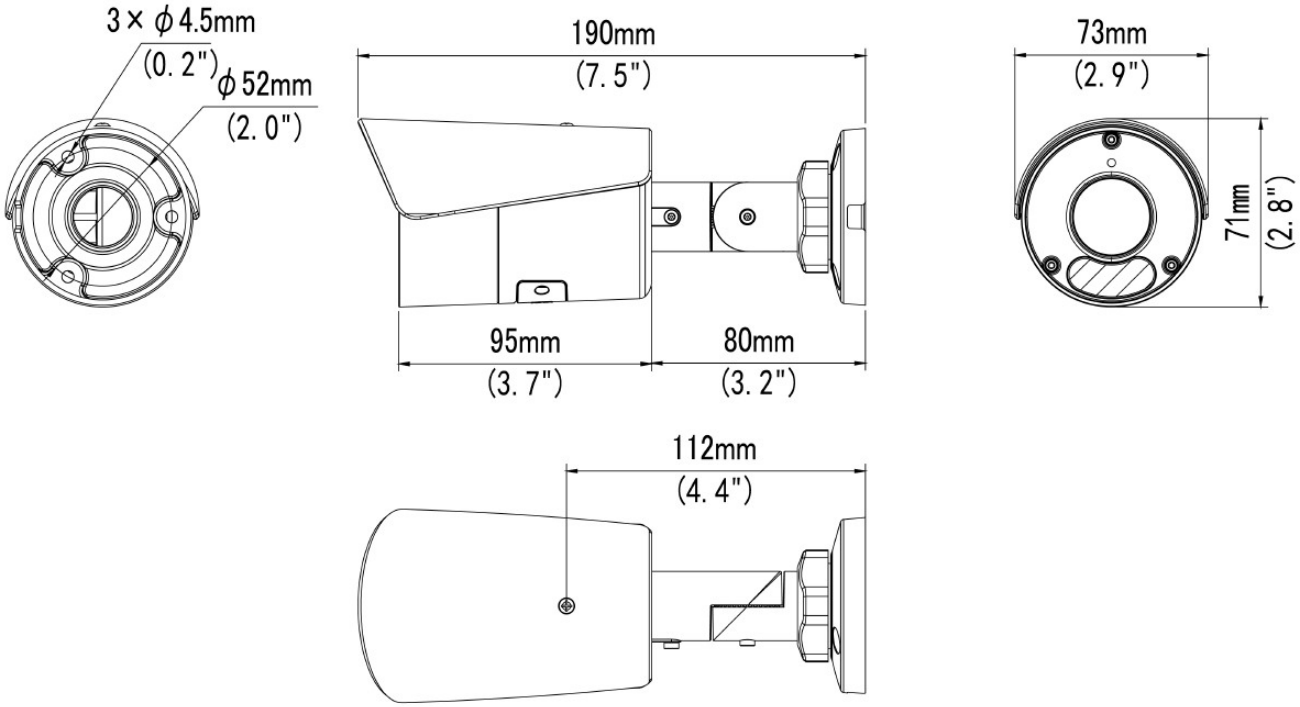
| | |
|---|---|
| Power Source | DC 12V, PoE (IEEE802.3af) |
| Power Consumption | 6 W (PoE) |
| Weight | 430g (0.95lb) |

| | |
|---|---|
| Dimensions | (L x W x H): 190mm x 73mm x 71mm (7.5" x 2.9" x 2.8") |
| Environmental Casing | Weatherproof (IP68), Vandal proof metal casing (IK10) |
| Corrosion Protection | Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years. |
| Mount Type | Pole Mount |
| Operating Temperature | -30°C ~ 60°C (-22°F ~ 140°F) |
| Approvals | CE, FCC Class B, IP68, IK10 (metal casing), UL Listed |
| Color | White |
| Real-time Clock (RTC) | No |
| Warranty | 2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty |

## Photo Indication

1. DC 12V Power Input
2. Ethernet Port
3. Built-in Microphone

## Dimension Diagram




Unit: mm [inch]

# Related Products

## Mounting Accessories - Camera Mount

| | | |
|---|---|---|
| PMAX-0527 | | Pole Mount (for Z4x, Z710, Z8x, Z9x, A7x), supports 2.64" to 5" Poles |
| PMAX-0729 | | Junction Box (for Z39, Z310, Z48, Z49) |

**Note**: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.

## Power Supply Accessories - Power Adapter

| | | |
|---|---|---|
| PPBX-0013 | | Power Adapter AC 100~240V (EU), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x |
| PPBX-0014 | | Power Adapter AC 100~240V (UK), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x |
| PPBX-0026 | | Power Adapter AC 100~240V (US), for A3x, A4x, A7x, A88, A9x, Z3x, Z4x, Z7x, Z8x, Z9x |

## Power Supply Accessories - PoE Injector

| | | |
|---|---|---|
| PPOE-0107 | | High PoE Injector IEEE 802.3at compliant, AC 100~240V, with universal connectors (for A416, A418, B913, B923, B934, Q450, Q75, VMGB-60X, Z37, Z71, Z952) |