

# Z316

## 2MP Mini Bullet with D/N, Adaptive IR, Superior WDR, SLLS, Fixed Lens



- 2 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f2.8mm/F2.0
- Superior WDR
- H.265 Compression
- Super wide angle
- Built-in Analytics
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Mini Bullet
Maximum Resolution	2MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.7 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.01 lux at F2.0 (AGC on); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 1 (850 nm)
IR Working Distance	40m
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	75 dB

#### Lens

Focal Length	Fixed focal, f2.8mm
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Aperture	F2.0
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	108.6°
Vertical Viewing Angle	62.7°
Viewing Angle Adjustment	Pan: 0°-360°, Tilt: 0°-90°, Rotation: 0°-360°

## Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate vs. Resolution	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
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	White Balance, Backlight compensation (BLC), Brightness, Contrast, Sharpness, Automatic gain control, Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	People Detection, Vehicle Detection, Tampering Detection, Object Based Motion 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
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## Network

Network Protocol & Service	IPv4, TCP, UDP, DHCP, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ARP, UPnP, SNMP, QoS, SSL, TLS 1.2
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector
Security	IP address filtering, HTTPS encryption, Password protected user level

## Event

Event Trigger	Video motion detection (4 regions), Sound detection, Intelligent event detection
Event Response	E-mail notification with snapshots, Upload snapshot to FTP server, Save video or snapshot to local storage

## Integration

Edge Recording	Support (integration with NVR by ONVIF Profile G)
ONVIF Compliant	Yes, Profile S, Profile G, Profile T
Web Browser	IE 11, Google Chrome, Microsoft Edge, Firefox

### Interface

Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only)
Operating Button	No



### General

Power Source	DC 12V, PoE (IEEE802.3af)
Power Consumption	7 W (PoE)
Dimensions	(W x H x D): 62mm x 63mm x 166mm (2.5" x 2.5" x 6.5")
Environmental Casing	Weatherproof (IP67)
Mount Type	Pole Mount
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Approvals	CE Class A, FCC Class A, IP67, UL Listed(*4)
Real-time Clock (RTC)	No
Warranty	2 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

\* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series. \*4 UL certification will be available in Q1 2024.

## ▶ Related Products

### Mounting Accessories - Camera Mount


PMAX-0526	 Pole Mount (for Z31, Z33, Z34, Z41, Z42)
PMAX-0724	 Junction Box (for Z33, Z34)

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

### Power Supply Accessories - Power Adapter

PPBX-0012	 Power Adapter AC 100~240V (US), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
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-0002	 PoE Injector IEEE 802.3af compliant, AC 100~240V, with universal connectors
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