

# Z33

## 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

### ► 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: 0.02 lux; BW: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	40m (1.0 lux)
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	52 dB

#### Lens

Focal Length	Fixed focal, f2.8mm
Aperture	F2.0

Lens Mount	Board mount
Horizontal Viewing Angle	112.7°
Vertical Viewing Angle	60.1°

**Video**

Compression	H.265, H.264 (Baseline/ Main profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 352 x 288
Multi-Streaming	Simultaneous triple streams
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	Backlight compensation
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	8 configurable regions
Text Overlay	Yes
Built-in Analytics	Tampering Detection

**Network**

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

**Integration**


ONVIF Compliant	Yes, Profile S, Profile T
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**General**

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	6.4 W (PoE)
Weight	450g (0.99lb)
Dimensions	(W x H x D): 63.1mm x 62.5mm x 165mm (2.5" x 2.5" x 6.5")
Environmental Casing	Weatherproof (IP67)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Material	Camera with Integrated Bracket: Metal Sunshield: Plastic
Warranty	2 Year(s)

**▶ Related Products**

**Mounting Accessories - Camera Mount**

PMAX-0724	 Junction Box (for Z33, Z34)
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**Note:** Some mounting accessories may need additional accessories for installation. Please check [www.acti.com/mountingselector](http://www.acti.com/mountingselector) for more information.