

Z31

4MP Mini Bullet with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed Lens



- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f3.6mm/F1.8
- Extreme WDR
- 30 fps at 2048 x 1520
- H.265 Compression
- Weatherproof (IP67)
- Support ONVIF Integration

PRODUCT SPECIFICATION

Z31

• Device

Device Type	Outdoor Mini Bullet Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3"
Effective Pixels	2688(H) x 1520 (V) (4.09 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.02 lux (F1.8, AGC on); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED / IR Working Distance	Adaptive IR LED x 2 / 30m
IR Sensitivity Range	700~1150mm
Electronic Shutter	1/6 ~ 1/8,000 sec
S/N Ratio	55 dB

• Lens

Focal Length	Fixed focal, f3.6 mm / F1.8
Iris / Focus	Fixed iris / Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	76.8°
Viewing Angle Adjustment	Pan: ±180°; Tilt: 0° ~ 90°; Rotation: ±180°

• Video

Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG
Max. Frame Rate vs. Resolution	20 fps at 2592 x 1520; 25 fps at 2560 x 1440; 30 fps at 2048 x 1520; 30 fps at 1920 x 1080
Multi-Streaming	Simultaneous triple streams based on three configurations
Image Enhancement	Extreme WDR (120dB); 3D digital noise reduction; Defogging ; White balance; Contrast; Automatic gain control; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Built-in Analytics	Object Based Motion Detection, Tampering
Image Orientation	Image flip, mirror and rotation

• Network

Protocol & Service	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SIP, 802.1x
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPs encryption; Password protected user levels

• Event

Event Trigger	Video motion detection(2 regions), Sound detection, Tampering detection
Event Response	E-mail notification with snapshots, Upload snapshot to FTP server

• General

Power Source / Power Consumption	DC 12V, PoE Class 3 (IEEE802.3af) / 6.4W
Dimensions (L x W x H)	157.3 x 62.4 x 63 mm (6.2" x 2.5" x 2.5")
Weight	0.45 kg (0.99 lb)
Environmental Casing	Weatherproof (IP67)
Operating Temperature	-35°C ~ 60°C (-31°F ~ 140°F)
Approvals	CE (EN 55022 CLASS A, EN 55024); FCC (Part15 subpart B CLASS A); IP67

• Integration

Compatible Integration	ONVIF compliant (Profile S)
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