Z318

8MP 2.8mm Mini Bullet with D/N, Adaptive IR, Superior WDR, SLLS,

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

▶ Specifications

Device

Product Type	Mini Bullet
Maximum Resolution	8MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	3872(H) X 2192(V)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.005 lux at F1.6 (AGC on); B/W: 0 lux (IR LED on)
LightGuard	Yes
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	50m
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	F1.6
Iris	Fixed iris
Horizontal Viewing Angle	98.7°
Vertical Viewing Angle	53.9°
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), MPEG
Maximum Frame Rate vs. Resolution	20 fps at 3840 x 2160 30 fps at 3072 x 1728 30 fps at 2560 x 1440 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 720 x 576 30 fps at 640 x 360 30 fps at 352 x 288
Multi-Streaming	Simultaneous dual streams
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	White Balance, Backlight compensation (BLC), Digital Noise Reduction, Highlight compensation (HLC), Automatic gain control, Contrast, Brightness, Defogging, Sharpness
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	Up to 4 configurable regions
Text Overlay	Yes
Built-in Analytics	Smart Motion Detection, People Detection, Vehicle Detection, Tampering Detection, People 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, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, IEEE 802.1X, SNMP
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector
Maximum User Connections	32
Security	IP address filtering, HTTPS encryption, Password protected user level

Event

Event Trigger	Video motion detection, Sound detection, Tampering 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	Profile S, Profile G, Profile T
Web Browser	IE 11, Google Chrome, Microsoft Edge, Firefox

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• For product and mounting accessory information, visit: www.acti.com/products and www.acti.com/mountingselector
• All specifications are subject to change without notice.

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Interface

Audio Interface	Built-in microphone
Operating Button	Reset Button

General

Environmental Casing	Weatherproof (IP67)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Storage Temperature	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Operating Humidity	≤95% RH, non-condensing
Surge Protection	4KV
Approvals	CE, FCC, IP67, UL Listed, RoHS
Color	White
Warranty	2 Year(s)

▶ 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)

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