

Z956

4MP Outdoor Speed Dome with D/N, Superior WDR, SLLS, 33x Zoom Lens



- 4 Megapixel
- Superior WDR
- Endless Pan & Tilt, PTZ Auto Tracking
- H.265 Compression
- Event trigger, response and notification

► Specifications

Device

Product Type	Speed Dome
Maximum Resolution	4MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	2592(H) X 1944(V) (5.04 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.003 lux at F1.5 (AGC on); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	Video SNR: 56 dB Audio SNR: 70 dB

Lens

Focal Length	Zoom, f4.5-148.5mm
Aperture	F1.5-F4.0

Zoom Ratio	33x optical zoom, 16x digital zoom
Iris	Auto iris
Focus	Auto focus
Horizontal Viewing Angle	51.4° - 2.5°
Vertical Viewing Angle	30.3° - 1.4°

PTZ

Manual Panning / Tilting Speed	2° - 200°/second, 2° - 200°/second
Preset Panning / Tilting Speed	400°/second, 240°/second
Panning Range	360° endless
Tilting Range	1°~90°
PTZ Control	Remote manual control, 1024 preset points, 16 preset tours

Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 2688 x 1520 30 fps at 2560 x 1440 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 640 x 360
Multi-Streaming	Simultaneous triple streams
Bit Rate	128Kbps - 16Mbps (per stream)
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	White Balance, Backlight compensation (BLC), Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	24 configurable regions
Text Overlay	Yes
Built-in Analytics	People Counting, Face Detection, PTZ Auto Tracking, Tampering Detection, Intrusion Detection (Forbidden Area Detection), Object Line Crossing Detection, Object Enter Area Detection
Image Orientation	Flip, Mirror, Rotation (Corridor mode) (90°, 180°, 270°)

Audio

Audio Type	2-way, Line-in, Line-out
Audio Compression	G.711 u-law, G.711 A-law

Network

Network Protocol & Service	IPv4, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, QoS, SSL/TLS, IEEE 802.1X
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector
Security	IP address filtering, HTTPS encryption, Password protected user level, IEEE 802.1X network access control

Event

Event Trigger	Video motion detection, Tampering detection, Sound detection, External device through digital input
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Event Response

Notify control center, Go to PTZ preset point or preset tour, E-mail notification with snapshots, Save video or snapshot to local storage, Upload snapshot to FTP server, Activate external device through digital output

Integration

Unified Solution	Fully compatible with ACTi software
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

Serial Port	1 x RS-485
Analog Video Output	1 x BNC connector
Local Storage	MicroSD Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only)
Digital Input/Output	7/2
Operating Button	Reset Button








General

Power Source	DC 24V, AC 24V, High PoE (IEEE802.3at)
Power Consumption	16 W (PoE)
Weight	4.07g (8.97lb)
Dimensions	(Ø x H): 218mm x 297mm (8.6" x 11.7")
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10)
Bundled Accessories	Power Adapter (DC 24V)
Mount Type	Wall Mount, Pole Mount, Corner Mount
Fan	Yes
Operating Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Operating Humidity	≤95% RH
Surge Protection	6KV
Approvals	CE Class A, FCC Class A, IP67, IK10
Color	White
Real-time Clock (RTC)	Yes
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

The built-in analytics functions will be compatible with ZNR servers.


► Related Products

Mounting Accessories - Camera Mount

PMAX-0115		Pendant Mount (for A950, A951, A952, A956, Z950, Z952)
PMAX-0116		Straight Tube, 200 mm (for Z950)
PMAX-0117		Straight Tube (for Z950, Z952)
PMAX-0322		Wall mount (for Z950, Z952)
PMAX-0404		Corner Mount (for Z950, Z952)
PMAX-0513		Pole Mount (for Z950, Z952)
PMAX-0711		Junction box (for Z950, Z952)

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

Power Supply Accessories - PoE Injector

PPOE-0106		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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