

# A950

## 8MP Outdoor Speed Dome with D/N, Adaptive IR, Extreme WDR, ELLS, 22x Zoom Lens



- 8 Megapixel with 4K Ultra HD
- Day & Night with Extreme Low Light Sensitivity and Adaptive IR LED
- Extreme WDR
- Endless Pan & Tilt
- H.265 Compression

### ► Specifications

#### Device

Product Type	Speed Dome
Maximum Resolution	8MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8 "
Effective Pixels	3864(H) X 2180(V) (8.42 MP)
Day / Night	Yes
Low Light Sensitivity	Extreme
Minimum Illumination	Color: 0.002 lux; B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	100m
S/N Ratio	75 dB

#### Lens

Focal Length	Zoom, f6.4-138.5mm
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Aperture	F1.5
Zoom Ratio	22x optical zoom
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	59.8° - 3°

## PTZ

Manual Panning / Tilting Speed	0.1° - 90°/second, 0.1° - 55°/second
Preset Panning / Tilting Speed	300°/second, 300°/second
Panning Range	360° endless
Tilting Range	-20°~100°
PTZ Control	PTZ Control, Speed Control, Auto scan, 256 preset points

## Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 3840 x 2160 (4K Ultra HD) 30 fps at 3200 x 1800 30 fps at 1920 x 1080 30 fps at 1280 x 1024 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 352 x 240 30 fps at 320 x 240
Multi-Streaming	Quad streams
Wide Dynamic Range	Extreme WDR (120 dB)
Image Enhancement	Gyro-based Image Stabilizer
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	Yes
Text Overlay	Yes
Built-in Analytics	Object Based Motion Detection
Image Orientation	Flip, Mirror

## Network

Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector Network Cable: all 4 pairs of standard Cat 5e or higher Ethernet cable
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## Event

Event Trigger	Video motion detection
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## System

Watchdog	Support
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## Integration

ONVIF Compliant	Yes, Profile S, Profile G, Profile T
Web Browser	Google Chrome, Firefox

## Interface

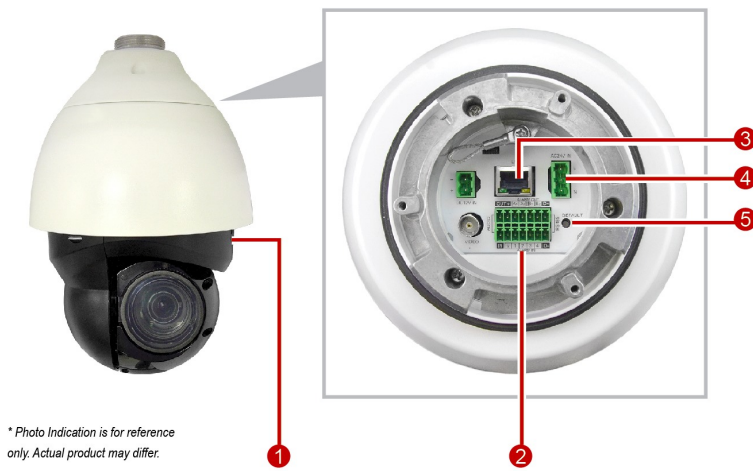
Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only, microSD to SD Memory Card Adapter is required.)
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Digital Input/Output	4/2
Operating Button	Reset Button

### General

Power Source	AC 24V 3A, High PoE 60W
Power Consumption	High PoE: Max. 46.20W (by using all 4 pairs of standard Cat 5e or higher Ethernet cable), AC: Max. 52.80W, 71.50VA
Weight	4155g (9.16lb)
Dimensions	(Ø x H): 207.4mm x 300.4mm (8.17" x 11.83")
Environmental Casing	Weatherproof (IP66)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Bundled Accessories	High PoE injector
Mount Type	Wall Mount, Ceiling Bracket, Pendant, Corner Mount, Pole Mount, Converter for NPT Standard Mounts
Heater	Yes
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Approvals	CE Class A, FCC Class A, IP66
Real-time Clock (RTC)	Yes
Warranty	3 Year(s) (1 year in continuous motion). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

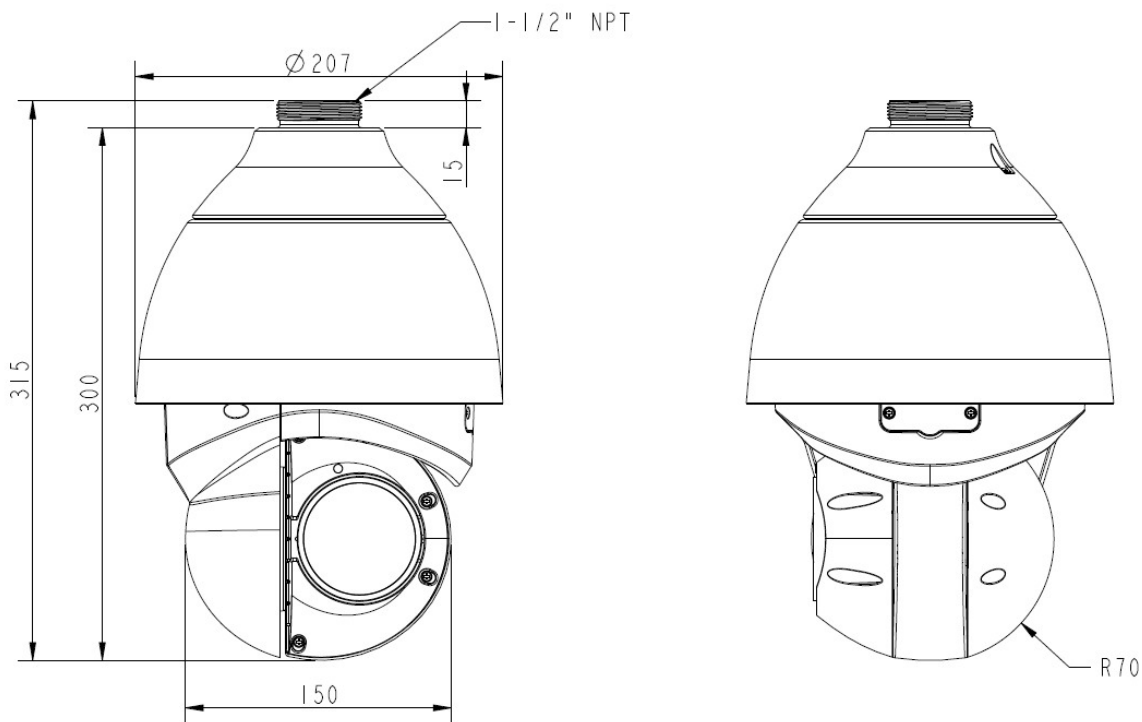
► Photo Indication



- 1 Memory Card Slot
- 2 Digital Input/Output & Serial Port Connector
- 3 Ethernet Port
- 4 AC24V Power Input
- 5 Reset Button

*\* Photo Indication is for reference only. Actual product may differ.*







► Dimension Diagram



Unit: mm [inch]



## ▶ Related Products

### Mounting Accessories - Camera Mount

PMAX-0115		Pendant Mount (for A950, A951, A952, A956, Z950, Z952)
PMAX-0119		Pendant Mount (for A950)
PMAX-0346		Heavy Duty Wall Mount with Converter Ring (for Q75, A950, A951, A952, A956)
PMAX-0402		Corner Mount
PMAX-0514		Pole Mount (for A950)
PMAX-0531		Pole mount for A951

**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 - PoE Injector

PPOE-0103		High PoE Injector, Single-port, 60W Gigabit Midspan, 4-Pairs, 802.3at Compliant, AC 100~240V, with universal connectors (for, I93~I910, I915, B915~B917, B922, B928, B945, B949, A950, A951)
PPOE-0104		High PoE Injector, Single-port, 10/100/1000Mbps 60W, 4-Pairs, 802.3at Compliant, AC 100~240V, with universal connectors (for, I93~I910, I915, B915~B917, B922, B928, B945, B949, A950, A951)