Q84

20MP Outdoor Multi-Imager 360 Degree Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 5x

- 20 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Extreme WDR (130dB)
- Super wide angle
- Event trigger, response and notification

▶ Specifications

Device

Product Type	Multi-Imager 360 Degree Dome
Maximum Resolution	20MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS (5MP x4)
Sensor Size	1/2.7 "
Effective Pixels	2888(H) X 1628(V) x 4
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.002 lux at F1.2 (AGC on); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED (850 nm)
IR Working Distance	50m
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	75 dB

Lens

Number of Lenses	4 Lenses
Focal Length	Zoom, f2.7-13.5mm
Aperture	F1.2
Zoom Ratio	5x optical zoom
Zoom Application	Camera Installation
Horizontal Viewing Angle	110.3° - 31°
Vertical Viewing Angle	57.1° - 17.5°
Viewing Angle Adjustment	Pan: 0°-360°, Tilt: 0°-65°, Rotation: 0°-355°

Video

Compression	H.265 Adaptive Stream (equivalent to Zip or Smart Stream or H.265+), H.264 Adaptive Stream (equivalent to Zip or Smart Stream or H.264+), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 2880 x 1620
Multi-Streaming	Simultaneous triple streams
Wide Dynamic Range	Extreme WDR (130 dB)
Image Enhancement	White Balance, Brightness, Contrast, Saturation, Sharpness, Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	Yes, 8 configurable regions (per channel), supports up to 4 channels
Text Overlay	Yes
Built-in Analytics	Object Based Motion Detection, Tampering Detection, Object Line Crossing Detection, Object Enter Area Detection, Object Exit Area Detection, Intrusion Detection (Forbidden Area Detection), People Line Crossing Detection, People Enter Area Detection, People Exit Area Detection, Vehicle Line Crossing Detection, Vehicle Enter Area Detection, Vehicle Exit Area Detection, People Detection, Vehicle Detection, People Counting, Crowd Detection
Image Orientation	Mirror, Mirror, Rotation (Corridor mode)(±90º, 180º)

Audio

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

Network

Network Protocol & Service	IPv4, IPv6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, SMTP, SNMP, QoS, SSL/TLS, SSH, IEEE 802.1X
Ethernet Port	1 x Ethernet (10/100/1000 Base-T), RJ-45 connector

Event

Event Trigger	Video motion detection, External device through digital input, 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, Activate external device through digital output

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• All specifications are subject to change without notice.

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Integration

ONVIF Compliant	Yes, Profile S, Profile G, Profile T, Profile M
Web Browser	IE 11, Google Chrome, Microsoft Edge, Firefox

Interface

Digital Input/Output	3/2

General

Power Source	DC 24V, AC 24V, High PoE (IEEE802.3bt)
Power Consumption	48.7 W (PoE)
Weight	4770g (10.52lb)
Dimensions	(Ø x H): 318mm x 136.6mm (12.52" x 5.38")
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	5% - 95% RH, non-condensing
Surge Protection	6KV
Color	White
Real-time Clock (RTC)	Yes

▶ 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-0351		Wall Mount (for Z953, Q84)
PMAX-0358		Parapet Wall Mount (for Z95X, Q84)
PMAX-0404		Corner Mount (for Z950, Z952)
PMAX-0513		Pole Mount (for Z950, Z952)

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PMAX-0711		Junction box (for Z950, Z952)
PMAX-1407		Mount Kit (for Q84)

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-0201		High PoE Injector Single-port, IEEE 802.3bt Type 4, Gbps, 90W 4-Pairs POE indoor midspans, AC 100~240V, with universal connectors (for Z954, Q83)
PPOE-0202		High PoE injector 90Watt 10/100/1000M/Multi Gigabit PoE Injector (for A952, A956, Z953, Z954, Q83, Q84)

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