

# Q960

## 0.6MP Metadata Camera with Built-in People Counting



- 0.6 Megapixel Metadata Camera
- Built-in People Counting
- Not available in the USA
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Metadata Camera
Maximum Resolution	0.6MP
Product Application	People Counting
Application Environment	Indoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3 "
Day / Night	No
Low Light Sensitivity	Superior
Mechanical IR Cut Filter	No
IR LED	No
Electronic Shutter	1/25-1/10000 second (auto mode)

#### Lens

Number of Lenses	2 Lenses
Focal Length	Fixed focal, f2mm
Aperture	F2.2
Iris	Fixed iris

Lens Mount	Board mount
Horizontal Viewing Angle	105°

**Video**

Compression	H.264 (Baseline/ Main profile)
Maximum Frame Rate vs. Resolution	24 fps at 640 x 960 24 fps at 640 x 480
Multi-Streaming	Simultaneous dual streams
Bit Rate	32Kbps - 8Mbps (per stream)
Wide Dynamic Range	Basic WDR
Digital Noise Reduction	3D DNR
Privacy Mask	Yes
Counting Technology	3D
Built-in Analytics	People Counting (3D Counting, Line Counting, Region Counting), People Line Counting, People Area Counting, Tampering Detection, (Offering 100 days of counting data storage.)
IVS performance	Certain algorithms may require more computing power, which may limit the number of algorithms that can be concurrently used in the camera. Please test the actual performance before using in a project.

**Network**

Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, Bonjour, UPnP, QoS, IEEE 802.1X, SNMP
Ethernet Port	1 x RJ-45 connector

**Video Analytics**

Analysis Source Type	Video
Metadata Accuracy	Excellent

**Event**

Event Trigger	Tampering detection, External device through digital input
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**Integration**

Metadata Reporting and Presentation	Fully compatible with ACTi Market Application Suite package (Any customization may require additional NRE fees)
ONVIF Compliant	Yes, Profile S, Profile G
Web Browser	IE 11

**Interface**

Serial Port	1 x RS-485
Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 128GB)
Digital Input/Output	1/1

**Installation**

Distance to Target (People)	2.5m - 4m (8.2ft - 13.1ft)
Lens Direction & Counting Method (People)	Face Down: Line Counting

Installation Recommendation	Installation Height / Width of the Scene 2.5m (8.2ft) / 1.8m (5.9ft) 3.0m (9.8ft) / 2.9m (9.5ft) 3.5m (11.5ft) / 4.0m (13.1ft) 4.0m (13.1ft) / 5.2m (17.1ft)
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**General**

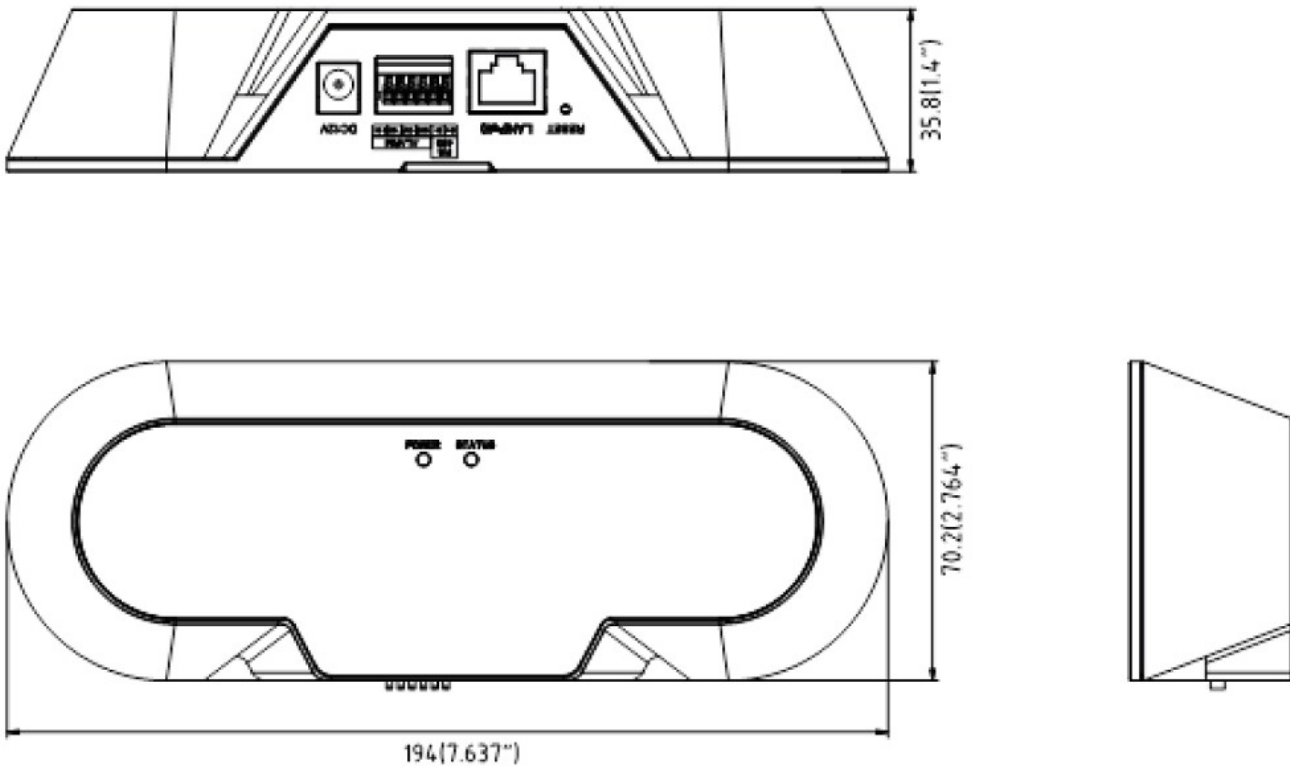
Power Source	DC 12V (adapter not included), PoE Class 3 (IEEE802.3af)
Power Consumption	7 W (PoE)
Weight	341g (0.752lb)
Dimensions	(W x H x D): 194mm x 70.2mm x 35.8mm (7.64" x 2.76" x 1.4")
Bundled Accessories	Surface mount
Mount Type	Surface
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Operating Humidity	10% - 90% RH
Approvals	CE, FCC
Warranty	3 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

## ► Photo Indication



- 1 Power LED
- 2 Status LED
- 3 Reset Button
- 4 Ethernet Port
- 5 Serial Port
- 6 Digital Input/Output
- 7 DC 12V Input

## ► Dimension Diagram



Unit: mm [inch]

## ▶ Related Products

### Mounting Accessories - Camera Mount

PMAX-0340  Wall Mount (for Q960, Q961, Q962), Black

PMAX-0341  Wall Mount (for Q960, Q961, Q962), White

**Note:** Some mounting accessories may need additional accessories for installation. Please check [www.acti.com/mountingselector](http://www.acti.com/mountingselector) for more information.