

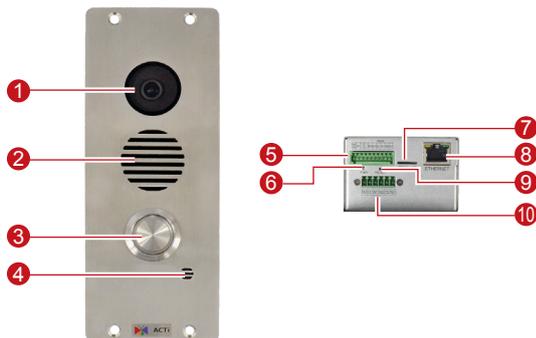
# Q970

2MP Emergency Service Outdoor Intercom Camera with Basic WDR, SLLS, Fixed Lens



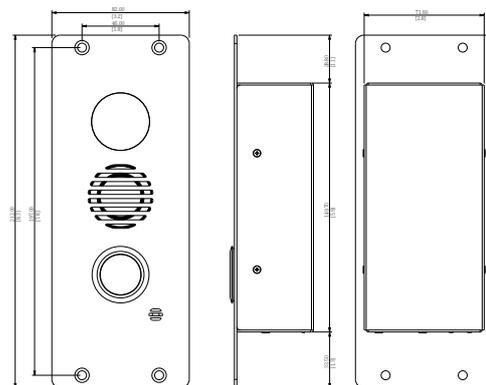
- 2 Megapixel
- Superior Low Light Sensitivity
- Fixed Lens with f3.6 mm / F1.85
- Basic WDR (75 db)
- 30 fps at 1920 x 1080
- Weatherproof (IP66) and Vandal Proof (IK10)
- Two-way Audio with Built-in Microphone and Speaker

## PHOTO INDICATION



- |  |                    |
|--|--------------------|
| 1 Lens   | 6 Power LED        |
| 2 Speaker  | 7 Memory Card Slot |
| 3 Push Button                                      | 8 Ethernet Port    |
| 4 Microphone                                       | 9 Reset Button     |
| 5 Audio Input<br>Digital Input<br>Serial Connector | 10 Digital Output  |

## DIMENSION DIAGRAM



Unit: mm [inch]

## PRODUCT SPECIFICATION

### Q970

#### • Device

Device Type	Intercom
Maximum Resolution	2 MP
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.9"
Day / Night	No
Effective Pixels	1984 (H) x 1105 (V) (2.19 MP)
Horizontal Resolution	1100 TVL
Low Light Sensitivity	Superior
Mechanical IR Cut Filter	No
S/N Ratio	52 dB

#### • Lens

Focal Length / Aperture	Fixed Focal, f3.6 mm / F1.85
Iris	Fixed Iris / Fixed Focus
Lens Mount	Board Mount
Horizontal Viewing Angle	87.5°
Vertical Viewing Angle	48.1°

#### • Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Max. Resolution vs. Frame Rate	30 fps at 1920 x 1080, 30 fps at 1280 x 720, 30 fps at 800 x 600, 30 fps at 640 x 480
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps ~ 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Basic WDR (75 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Auto Gain Control, Flickerless
Digital Noise Reduction	DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes

#### • Audio

Compression	8 kHz, 16 bit encoding, Mono, G.711
Audio Type	2-way, Built-in Microphone, Mic-in, Line-in, Built-in Speaker

#### • Network

Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X
Ethernet Port	1 x RJ-45 connector
Security	IP Address Filtering, HTTPS Encryption, Password Protected User Levels, Anonymous Login, IEEE 802.1X Network Access Control

#### • Event

Event Trigger	Touch Button, External Device through Digital Input, Sound Detection
Event Response	Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Play the audio file, Push notification to mobile device, Save video to local storage, Upload video to NVR server, Upload video or snapshot to FTP server, Activate external device through digital output

#### • Interface

Local Storage	MicroSDHC, MicroSDXC memory card slot (card not included)
Serial Port	1 x RS-485
Audio Input Interface	1, Terminal Block
Digital Input	2, Terminal Block
Digital Output	2, Terminal Block

#### • General

Power Source / Consumption	DC 12V, PoE Class3 (IEEE802.3af) / 12.95 W (PoE)
Weight	728 g (1.6 lbs)
Dimensions (W x H x D)	82 mm x 212 mm x 47.2 mm (3.23" x 8.35" x 1.9")
Environmental Casing	Weatherproof front plate (IP66), Vandal Proof metal casing (IK10)
Mount Type	Flush
Starting Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Approvals	CE, FCC, IP66 (front plate), IK10 (metal casing)

#### • Integration

Unified Solution	Fully compatible with ACTi software
Software Development Kit	Yes
ONVIF Compliant	Yes
Firmware Access Browser	Microsoft Internet Explorer 11
GPS Position	Manual Setting