Q970

2MP f3.6mm Indoor Intercom with WDR 75dB



- 2 Megapixel, f3.6mm, Intercom
- Color Min. Illumination 0.003 lux
- Weatherproof (IP66), Vandal proof (IK10)

Specifications

Product Profile

Product Type	Intercom
Application Environment	Indoor
Maximum Resolution	2MP
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.9 "
Effective Pixels	1984(H) X 1105(V) (2.19 MP)
Day / Night	No
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.003 lux
Mechanical IR Cut Filter	No
Horizontal Resolution (TV Lines)	1100 TVL
S/N Ratio	75 dB

Lens

Focal Length	Fixed focal, f3.6mm
Aperture	F1.85

Iris	Fixed iris
Focus	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
Maximum Frame Rate vs. Resolution	30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 640 x 480
Bit Rate	28Kbps - 6Mbps
Bit Rate Mode	Constant, Variable
Multi-Streaming	Simultaneous dual streams based on two configurations
Digital Noise Reduction	DNR
Wide Dynamic Range	Basic WDR (75 dB)
Image Orientation	Flip, Mirror
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control (AGC), Flickerless
Privacy Mask	4 configurable regions
Text Overlay	Yes
On-Screen Graphics (Picture Overlay)	Yes

Audio

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

Network

Ethernet Port	1 x RJ-45 connector

Event

Event Trigger	Touch button, External device through digital input, Sound detection, Video streams loss, System log buffer overrun, Remove system log, Logon events (Login Failure, Login Success, Block an Account)
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 storage, Upload video to NVR server, Upload video or snapshot to FTP server, Activate external device through digital output

System

System Monitor	CPU loading, memory usage and network statistics via API
System Log	Support
Watchdog	Support

Integration

Unified Solution	Fully compatible with ACTi software

Software Development Kit	Yes
Edge Recording	Support (integration with NVR by ONVIF Profile G or proprietary protocol)*
ONVIF Compliant	Yes, Profile S, Profile G, Profile T, Profile Q
Web Browser	IE 11, Google Chrome, Microsoft Edge, Apple Safari

Interface

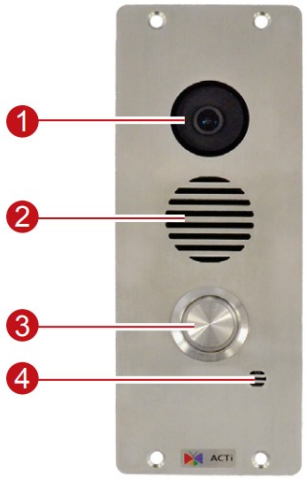
Serial Port	1 x RS-485
Digital Input/Output	2/2
Operating Button	Reset Button

General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	12.95 W (PoE)
Weight	728g (1.605lb)
Dimensions	(W x H x D): 82mm x 212mm x 47.2mm (3.2" x 8.3" x 1.9")
Environmental Casing	Weatherproof front plate only (IP66), Vandal proof metal casing (IK10)
Mount Type	Wall Mount, Gang Box
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 only), IK10 (metal casing)
Real-time Clock (RTC)	Yes
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

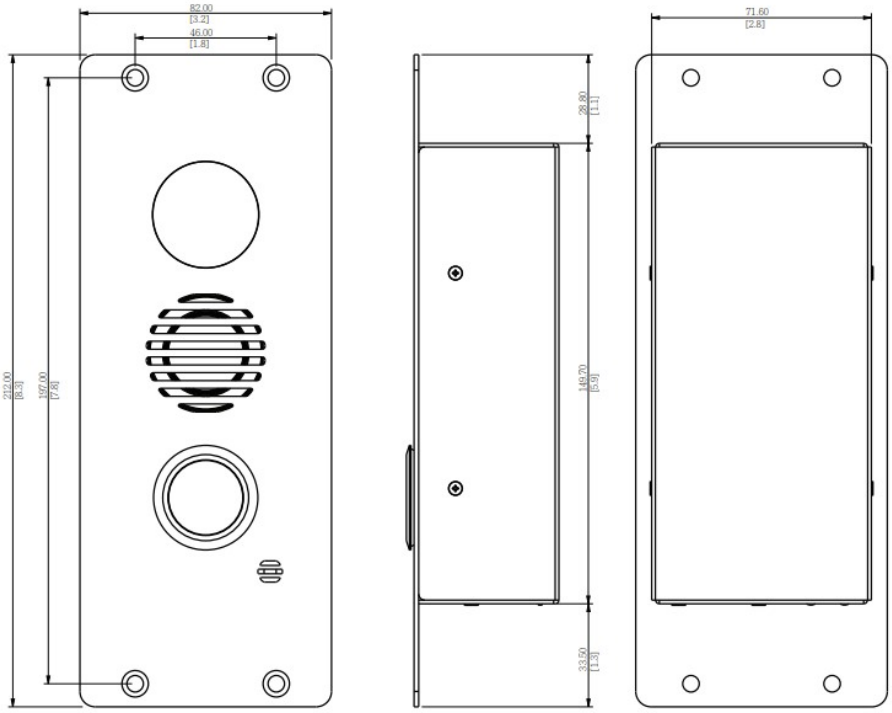
Photo Indication





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

Dimension Diagram



Unit: mm [inch]

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