

# Q970

## 2MP Indoor Intercom with Basic WDR, SLLS, Fixed Lens



- 2 Megapixel
- Fixed Lens with f3.6mm/F1.85
- Basic WDR
- Wide Angle
- Event trigger, response and notification

### ► Specifications

#### Device

|                                  |                             |
|----------------------------------|-----------------------------|
| Product Type                     | Intercom                    |
| Maximum Resolution               | 2MP                         |
| Application Environment          | Indoor                      |
| 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                    |
| Mechanical IR Cut Filter         | No                          |
| Horizontal Resolution (TV Lines) | 1100 TVL                    |
| S/N Ratio                        | 52 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  |
| Multi-Streaming                   | Simultaneous dual streams based on two configurations                               |
| Bit Rate                          | 28Kbps - 6Mbps (per stream)   |
| Bit Rate Mode                     | Constant, Variable  |
| Wide Dynamic Range                | Basic WDR (75 dB)   |
| Image Enhancement                 | White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless |
| Digital Noise Reduction           | DNR   |
| Privacy Mask                      | 4 configurable regions  |
| Text Overlay                      | Yes   |
| On-Screen Graphics                | Yes   |
| Image Orientation                 | Flip, Mirror  |

## 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  |
| 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 |

## Integration

|                          |  |
|--------------------------|--|
| Unified Solution         | Fully compatible with ACTi software  |
| Software Development Kit | Yes  |
| ONVIF Compliant          | Yes, Profile S, Profile G, Profile T* (To be available through future firmware upgrade), Profile Q |
| Web Browser              | IE 11  |

## Interface

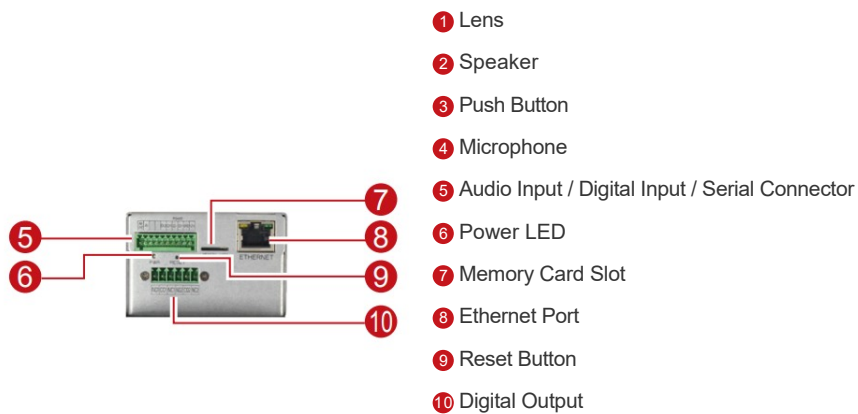
|                      |   |
|----------------------|---|
| Serial Port          | 1 x RS-485  |
| Local Storage        | MicroSDHC, MicroSDXC memory card slot (card not included) |
| Digital Input/Output | 2/2   |

## General

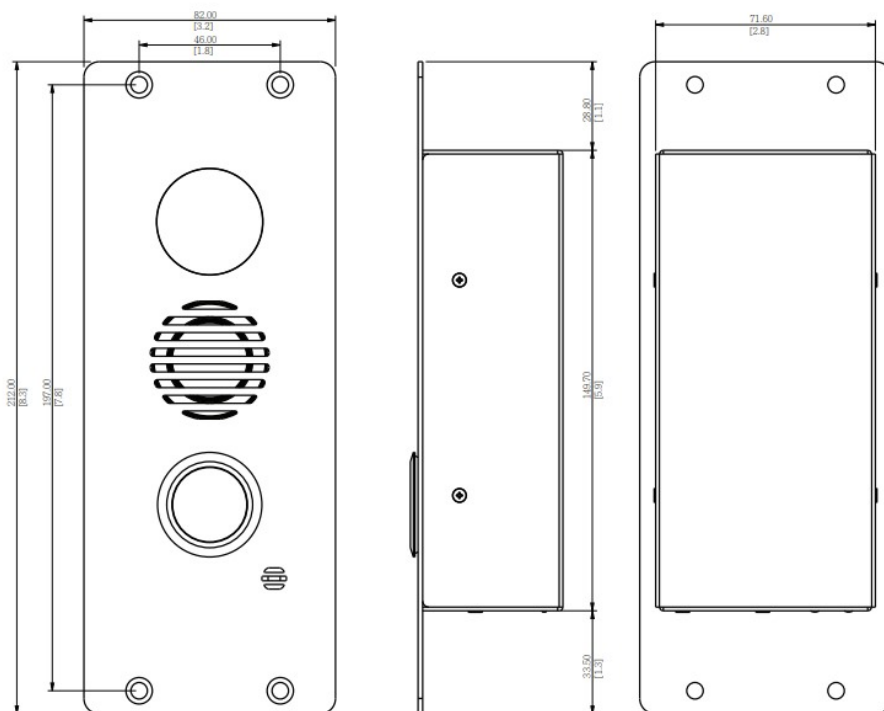
|              |                                   |
|--------------|-----------------------------------|
| Power Source | DC 12V, PoE Class 3 (IEEE802.3af) |
|--------------|-----------------------------------|

|                       |  |
|-----------------------|--|
| 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)  |
| 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



## ► Dimension Diagram



Unit: mm [inch]