

Q950

6MP Door Station Outdoor Door Station with D/N, IR, Extreme WDR, SLLS, Fixed Lens



- Door Station
- 6 Megapixel
- Day & Night with Superior Low Light Sensitivity and IR LED
- Fixed Lens with f1.65mm/F2.8
- Extreme WDR
- Super wide angle
- Event trigger, response and notification

► Specifications

Device

Product Type	Door Station
Maximum Resolution	6MP
Product Application	Door Station
Application Environment	Outdoor
Description	6MP Outdoor Door Station with D/N, IR, Extreme WDR, SLLS, Fixed lens (f1.65mm)
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8 "
Effective Pixels	3096(H) X 2080(V) (6.44 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F2.8 (30 IRE, 2400 K); B/W: 0 lux at F2.8 (IR LED on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700-1100nm
IR LED	IR LED x 6 (850 nm)
IR Working Distance	5m

Electronic Shutter	1/5-1/64000 second (manual mode); 1/5-1/64000 second (auto mode)
Horizontal Resolution (TV Lines)	1800 TVL
S/N Ratio	56 dB

Lens

Focal Length	Fixed focal, f1.65mm
Aperture	F2.8
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	198.5° (overview area) 121.1° (high detail area)
Vertical Viewing Angle	198.5° (Fisheye View)

Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	(Fisheye View) 20 fps at 3072 x 2048 30 fps at 2048 x 2048 20 fps at 1280 x 960 30 fps at 1024 x 768 30 fps at 800 x 600 30 fps at 640 x 480 (Dewarped View) 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 640 x 480
View Mode	Fisheye View Dewarped View
Multi-Streaming	Simultaneous triple streams based on three configurations
Bit Rate	128Kbps - 12Mbps (per stream)
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Extreme WDR (130 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Tampering Detection*, Shock Detection, RFID Recognition
Server-based Analytics	Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)

Audio

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

Network

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 level, Anonymous login, IEEE 802.1X network access control

Video Analytics

Analysis Source Type	Video
Metadata Accuracy	Standard

Event

Event Trigger	Passive IR sensor, Touch button, RFID detection, External device through digital input, Sound detection, Tampering detection*, Shock 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, Change LED indicators

Access Control Functionality

Access Mode	Card only
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Compatible RFID Card

Communication Frequency	13.56 MHz
RFID Standard	NFC Type 1, ISO/IEC 14443A NFC Type 2, ISO/IEC 14443A NFC Type 3, ISO/IEC 18092 NFC Type 4, ISO/IEC 14443 (Type A/B) NFC Type 5, ISO/IEC 15693
RFID Options	NFC

Integration

Unified Solution	Fully compatible with ACTi software
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S, Profile G
Web Browser	IE 11
Auto Firmware Upgrade	Yes*

Interface

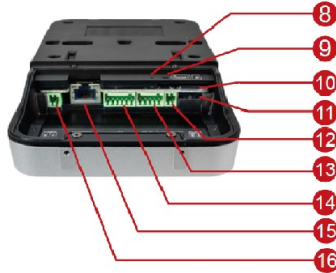
Serial Port	1 x RS-485/RS-422
Audio Interface	Terminal block
Local Storage	MicroSDHC, MicroSDXC memory card slot (card not included)
Digital Input/Output	1/1

General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	4.2 W (PoE), 3.8 W (DC)
Weight	689g (1.52lb)
Dimensions	(W x H x D): 177.06mm x 110mm x 47.66mm (7.0" x 4.3" x 1.9")
Environmental Casing	Weatherproof (IP66), Vandal resistant (IK09)
Mount Type	Surface, Gang Box
Starting Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Approvals	CE, FCC, IP66, IK09, NEMA 4X, UL (for optional PoE injector and power adapter)
Warranty	3 Year(s)

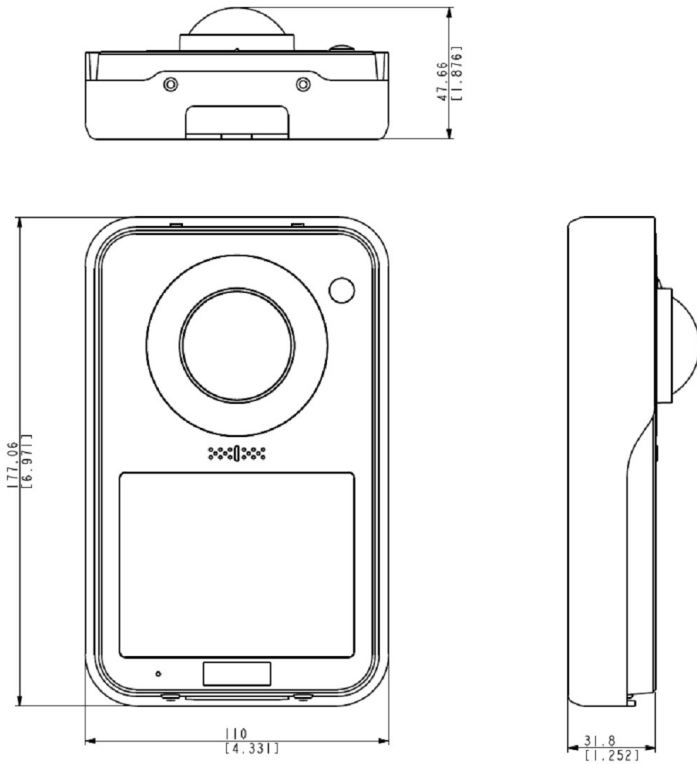
* To be available through future firmware upgrade

► Photo Indication



- 1 Passive IR sensor
- 2 IR LEDs
- 3 Fisheye Lens
- 4 Built-in Speaker
- 5 Push Button
- 6 RFID Reader
- 7 Built-in Microphone
- 8 Power LED
- 9 Reset Button
- 10 Memory Card
- 11 Audio Output Switch
- 12 Audio Output
- 13 Serial Port Connector
- 14 Digital Input/Output
- 15 Network Connector
- 16 Power Input

► Dimension Diagram



Unit: mm [inch]

▶ Related Products


Access Control System - Access Card

PACD-0001  SAG RFID Card ISO/IEC 15693 13.56 MHz (20-pcs pack)

Network & Storage Peripherals - Data Switch


PPSW-0101  PLANET GS-4210-8P2T2S 8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 240W)

PPSW-0102  PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)

PPSW-2101  4-Port 802.3at PoE Switch (PoE Budget 62W)

PPSW-3100  PLANET FGSW-1816HPS 16-Port 802.3at PoE Switch (PoE Budget 220W)


Extenders - PoE Extender

PPEX-0100  Veracity OUTREACH Max Power over Ethernet (PoE) Extender

Extenders - PoE over Coaxial Extender Kit

PPOC-0100  Planet LRP-101C-KIT Power over Coax Adapter Kit


Audio Devices - Microphone


PMIC-0203  Passive Microphone


Audio Devices - Speaker

PSPK-0001  RETECH CB-02 Speaker

Installation Support - Camera Installation Kit

PMON-1001-010  Camera Installation Kit for use with iOS Device with belt bag, battery and charger (US, AC 110~240V)

PMON-1001-011  Camera Installation Kit for use with iOS Device with belt bag, battery and charger (Europe, AC 110~240V)

PMON-2000  Camera Installation Kit