Q13

2MP with WDR 75dB

- 2 Megapixel, f1.19mm,
- Color Min. Illumination 0.003 lux
- Vibration proof (EN50155)

Specifications

Product Profile

Product Type	Fisheye Covert
Application Environment	Indoor
Maximum Resolution	2MP
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	1944(H) X 1224(V) (2.38 MP)
Day / Night	No
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.003 lux at F2.0
Mechanical IR Cut Filter	No
Horizontal Resolution (TV Lines)	1100 TVL
S/N Ratio	52 dB

Lens

Focal Length	Fixed focal, f1.19mm
Aperture	F2.0

Iris	Fixed iris
Focus	Fixed focus
Lens Mount	RJ12 connector up to 12m from main unit
Horizontal Viewing Angle	182° (overview area) 111° (high detail area)
Vertical Viewing Angle	172° (Fisheye View)

Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1440 x 1080 30 fps at 1280 x 960 30 fps at 800 x 600 15 fps at 640 x 480 15 fps at 320 x 240
View Mode	Fisheye View
Bit Rate	28Kbps - 6Mbps
Bit Rate Mode	Constant, Variable
Multi-Streaming	Simultaneous dual streams
Digital Noise Reduction	DNR
Wide Dynamic Range	Basic WDR (75 dB)
Image Orientation	Mirror, Flip
Privacy Mask	4 configurable regions
On-Screen Graphics (Picture Overlay)	Yes
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, 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, Mic-in, Line-in, 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, Standard IoT Security (anti-hacking, anti-malware)

Event

Event Trigger	Video motion detection (3 regions), 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 storage, Upload video or snapshot to FTP server, Upload video to NVR server, Activate external device through digital output

System

Watchdog	Support

Integration

Unified Solution	Fully compatible with ACTi software
GPS Position	Manual setting
Edge Recording	Support (integration with NVR by ONVIF Profile G or proprietary protocol)*
ONVIF Compliant	Yes, Profile S, Profile G, Profile T, Profile Q
GB28181 Compliant	Yes
Auto Firmware Upgrade	Yes

Interface

Serial Port	1 x RS-232
Digital Input/Output	1/1
Operating Button	Reset Button

General

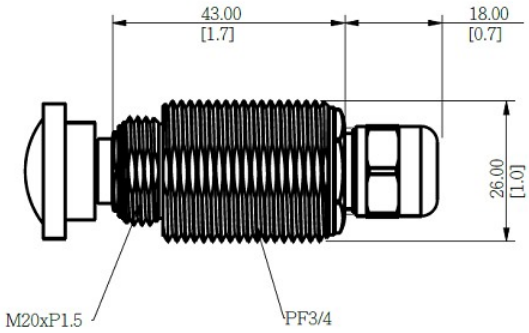
Power Source	DC 12V, PoE Class 2 (IEEE802.3af)
Power Consumption	4.32 W (PoE)
Weight	617g (1.36lb)
Dimensions	Main Unit (W x H x D): 75mm x 100.33mm x 30mm (3.0" x 4.0" x 1.2") Lens Unit (Ø x L): 26mm x 73.8mm (1.0" x 2.9")
Environmental Casing	Vibration proof (EN50155)
Mount Type	Bracket, Flush, Tiltable Flush Mount
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Approvals	CE Class B, FCC Class B, EAC, EN50121-3-2, EN50155, UL (for optional PoE injector and power adapter)
Real-time Clock (RTC)	Yes
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

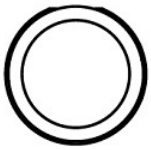
* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

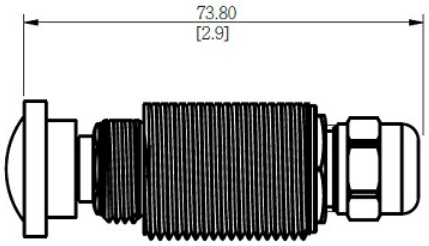
Photo Indication

1. LED Indicators
2. Memory Card Slot
3. Camera Input
4. Audio-In/Audio-Out
5. Ethernet Port
6. Serial Port
7. DC 12V Power Input
8. Reset Button

Dimension Diagram







Unit: mm [inch]

Ordering Information

Q13-K1	2MP Outdoor Fisheye Covert with Basic WDR, SLLS, Fixed lens, f1.19mm/F2.0 (HOV:182° (overview area), 111° (high detail area)), H.264, DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP66, IK09, EN50155, DI/DO, RS-232, Includes Q13 camera and Flush mount

Related Products

Mounting Accessories - Camera Mount

PMAX-1108		Bracket for all Covert Cameras (except L-Shape Pinhole)
R707-A0002		Bundled Flush Mount for Fisheye Covert Camera
R707-A0007		Bundled Mounting Rail Kit for Covert Camera

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.

Power Supply Accessories - Power Adapter

PPBX-0011		Power Adapter AC 100~240V, with universal connectors for all DC12V powered devices

Network & Storage Peripherals - Data Switch

PPSW-0102		PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)
PPSW-0105		PLANET GS-4210-8P2C 8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 120W)
PPSW-1101		PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W)
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-0100		Active Microphone Omnidirectional for all Cameras with Line-in Audio

PMIC-0201		Passive Microphone Omnidirectional for all Cameras with Mic-In Audio using Cable Wire or Terminal Connector, 2m cable

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