

Q13

2MP with Basic WDR, SLLS,



- 2 Megapixel
- Fisheye Lens with f1.19mm/F2.0
- Basic WDR
- 180°/360° Fisheye View
- Easy-to-Install for mounting solutions
- Event trigger, response and notification

► Specifications

Device

Product Type	Fisheye Covert
Maximum Resolution	2MP
Application Environment	Indoor
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
IR LED	No
Horizontal Resolution (TV Lines)	1100 TVL
S/N Ratio	Video SNR: 52 dB

Lens

Focal Length	Fixed focal, f1.19mm
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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
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)
Digital Noise Reduction	DNR
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)
Image Orientation	Mirror, Flip

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,
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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 or snapshot to FTP server, Upload video to NVR server, Activate external device through digital output
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System

Watchdog	Support
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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

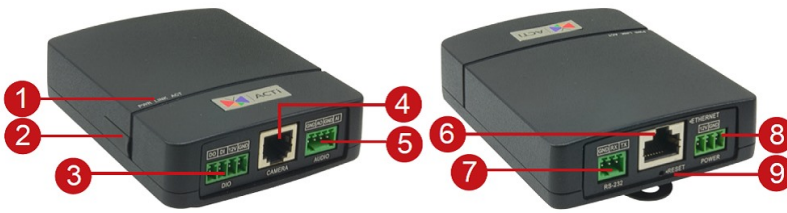
Serial Port	1 x RS-232
Local Storage	MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only)
Digital Input/Output	1/1
Operating Button	Reset Button

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, Tilttable 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

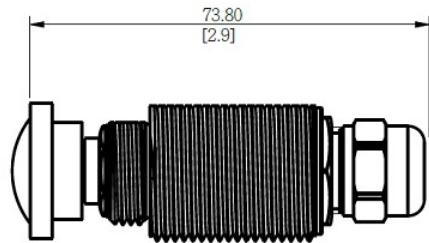
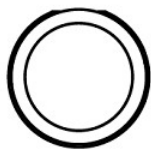
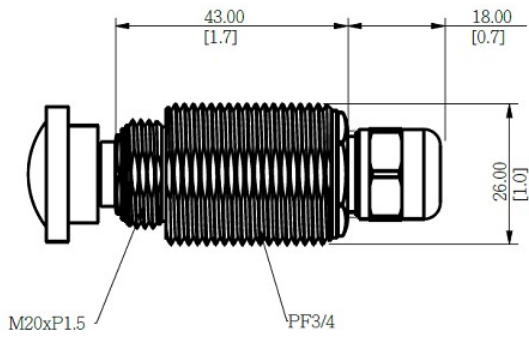
* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

► 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
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▶ 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
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Network & Storage Peripherals - Data Switch

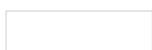
PPSW-0102	 PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)
PPSW-0105	 PLANET GS-4210-8P2C 8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 120W)
PPSW-1101	 PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W)
PPSW-3100	 PLANET FGSW-1816HPS 16-Port 802.3at PoE Switch (PoE Budget 220W)

Extenders - PoE Extender

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

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