

# Q13-K1

## 2MP Outdoor Fisheye Covert with Basic WDR, SLLS, Fixed Lens



- 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

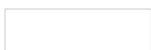
### ► Specifications

#### Device

Product Type	Fisheye Covert
Maximum Resolution	2MP
Application Environment	Outdoor
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
--------------	----------------------



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, 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)
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,
---------------	---

## 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

**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
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	698g (1.539lb)
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 H): 56mm x 84.16mm (2.2" x 3.3")
Environmental Casing	Weatherproof (IP66), Vandal resistant (IK09), Vibration proof (EN50155)
Bundled Accessories	Flush mount
Mount Type	Flush
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Approvals	Camera: CE, FCC, IP66, NEMA 4X, IK09, EN50155, UL (for optional PoE injector and power adapter)
Real-time Clock (RTC)	Yes
Warranty	3 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

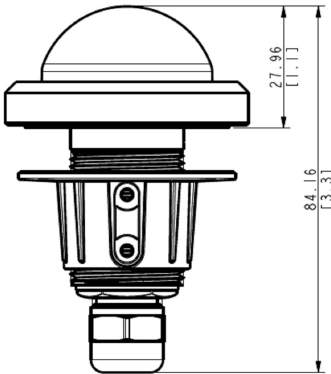
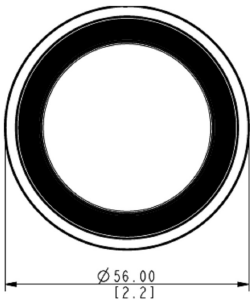
\* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

► Photo Indication



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

► Dimension Diagram



Unit: mm [inch]

## ► Ordering Information

Q13

2MP Indoor 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, EN50155, DI/DO, RS-232