

# Q13-K1

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



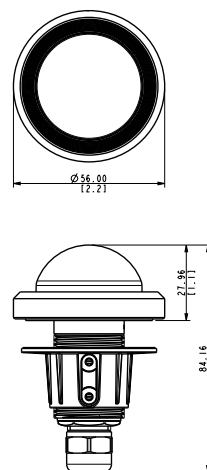
- 2 Megapixel with 1080p
- Superior Low Light Sensitivity
- Fixed Lens with f1.19mm / F2.0
- Basic WDR (75 dB)
- 30 fps at 1440 x 1080
- 180/360° Fisheye View
- Weatherproof (IP66), Vandal resistant (IK09), Vibration proof (EN50155)

### PHOTO INDICATION



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

### DIMENSION DIAGRAM



### ACCESSORY OPTIONS

Unit: mm [inch]

Power Supply		
PPBX-0002		AC 100-240V to DC 12V power adapter with universal connector

## PRODUCT SPECIFICATION

### Q13-K1

#### • Device

Device Type	Indoor Fisheye Covert Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	1944(H) X 1224(V) (2.38 MP)
Horizontal Resolution	1100 TVL
Day / Night	No
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F2.0 (30 IRE, 2400°K)
Mechanical IR Cut Filter	No
IR Sensitivity Range	No
Electronic Shutter	1/5 ~ 1/32,000 sec (manual mode); 1/5 ~ 1/32,000 sec (auto mode)
S/N Ratio	52 dB

#### • Lens

Focal Length / Aperture	Fixed focal, f1.19mm / F2.0
Iris	Fixed iris
Focus	Fixed focus
Cable Type	RJ12 connector up to 12m from main unit
Horizontal Viewing Angle	182° (overview area), 111° (high detail area)

#### • Video

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. 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
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Basic WDR (75 dB); White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; Digital noise reduction; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror

#### • Audio

Compression	8 kHz, Mono, PCM, 16 bit encoding; G.711
Audio-In	Mic-in and line-in, Terminal block
Audio-Out	Line-out, Terminal block

#### • Network

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login; IEEE802.1X network access control

#### • Alarm

Alarm Trigger	Video motion detection (3 regions); External device through digital input; Sound detection
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video or snapshot to FTP; Activate external device through digital output

#### • Interface

Digital Input	1, Terminal block
Digital Output	1, Terminal block
Serial Port	1, RS-232
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)

#### • General

Power Source / Consumption	PoE Class 2 (IEEE802.3af) / 4.32 W DC 12V (adapter not included) / 3.6 W
Weight	0.617 kg (1.36 lb)
Dimensions (L x W x H)	100.33mm x 75mm x 25.5mm (3.95" x 2.95" x 1")
Environmental Casing	Weatherproof (IP66), Vandal resistant (IK09), Vibration proof (EN50155)
Mount Type	Flush
Bundled Accessories	Flush mount (Wall, Ceiling)
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	10% ~ 85% RH
Approvals	Camera: CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), EN50155, UL (for optional PoE injector and power adapter), IP66, IK09

#### • Integration

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available; ONVIF compliant
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality) Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)
Auto Firmware Upgrade	Yes
GPS Position	Manual Setting

\* All specifications are subject to change without notice.

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[www.acti.com](http://www.acti.com)

