

# Q13

## 2MP 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	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: 0.1 lux at F2.0 (30 IRE, 2400 K)
Mechanical IR Cut Filter	No
IR LED	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
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	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

## 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

## Integration

Unified Solution	Fully compatible with ACTi software
GPS Position	Manual setting

ONVIF Compliant	Yes, Profile S, Profile G, Profile T* (To be available through future firmware upgrade), Profile Q
GB28181 Compliant	Yes
Web Browser	IE 11
Auto Firmware Upgrade	Yes

## Interface

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

## General

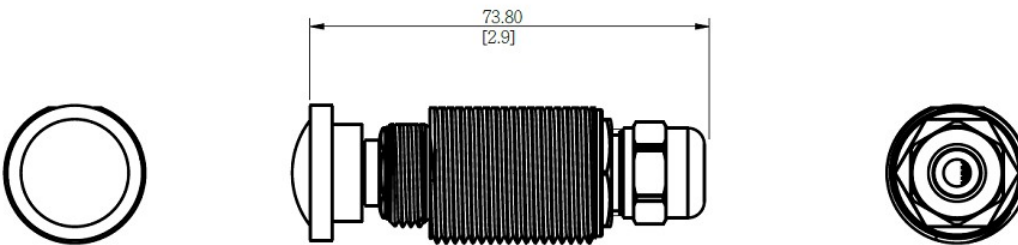
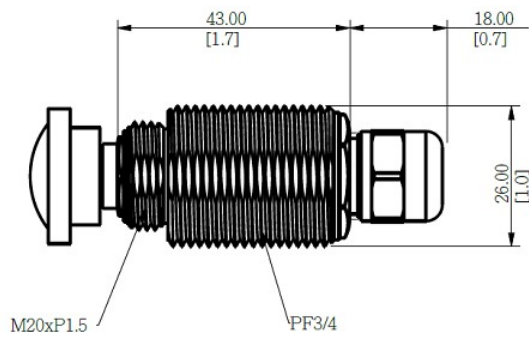
Power Source	DC 12V, PoE Class 2 (IEEE802.3af)
Power Consumption	4.32 W (PoE)
Weight	617g (1.36lb)
Dimensions	Main Unit (W x H x D): 75mm x 100.33mm x 30mm (3.0" x 4.0" x 1.2") Lens Unit (Ø x L): 26mm x 73.8mm (1.0" x 2.9")
Environmental Casing	Vibration proof (EN50155)
Mount Type	Bracket, Flush, Tilttable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

## ► 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-1016



Tilttable Flush Mount for Covert and Fisheye Covert Cameras

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](http://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-0100



PLANET FGSD-910HP 8-Port 802.3at PoE Switch (PoE Budget 120W)

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-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

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