

# Q113

## 2MP with Basic WDR, SLLS,



- 2 Megapixel
- Fixed Lens with f3.7mm/F2.5
- Basic WDR
- Wide Angle
- Easy-to-Install for mounting solutions
- Event trigger, response and notification

## ► Specifications

### Device

Product Type	L-Shape Pinhole 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 F2.5
Mechanical IR Cut Filter	No
IR LED	No
Electronic Shutter	1/5-1/32000 second (manual mode); 1/5-1/32000 second (auto mode)
Horizontal Resolution (TV Lines)	1100 TVL
S/N Ratio	75 dB

**Lens**

Focal Length	Fixed focal, f3.7mm
Aperture	F2.5
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	RJ12 connector up to 12m from main unit
Lens Extension Cable	12m cable; RJ-12 connector
Horizontal Viewing Angle	84.5°
Vertical Viewing Angle	46.5°

**Video**

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 640 x 480 15 fps at 320 x 240
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	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
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,
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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

**System**

## System Monitor

CPU loading, memory usage and network statistics via API

## 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

## Audio Interface

Terminal block

## 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

508g (1.120lb)

## Dimensions

Main Unit (W x H x D): 75mm x 100.33mm x 30mm (3.0" x 4.0" x 1.2") Lens Unit (W x H x D): 22mm x 32mm x 21.22mm (0.9" x 1.3" x 0.8")

## Environmental Casing

Vibration proof (EN50155)

## Mount Type

Surface, Tilttable Surface Mount, Flush, Tilted Mount, Height Strip, Bracket

## 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

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>

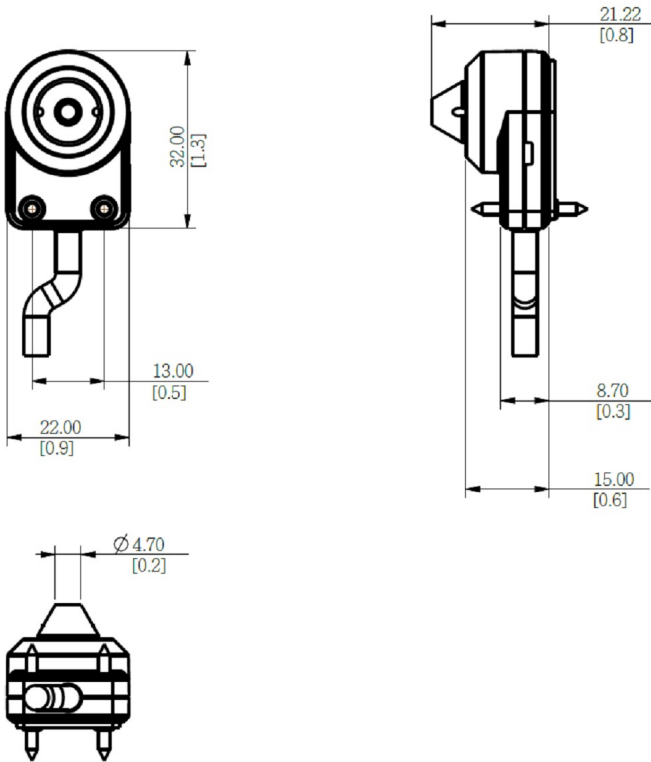
\* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

► Photo Indication



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








► Dimension Diagram



Unit: mm [inch]


## ► Related Products

### Mounting Accessories - Camera Mount





PMAX-0332		Height Strip Mount (Bronze) for L-Shape Pinhole Covert Cameras
PMAX-0334		Tiltable Surface Mount for L-Shape Pinhole Covert Cameras
PMAX-0335		Tilt Wedge (Silver) for PMAX-0331
PMAX-0336		Tilt Wedge (Bronze) for PMAX-0332
R707-A0004		Bundled Surface Mount for L-Shape Pinhole Covert Camera
R707-A0005		Bundled Tilted Mount for L-Shape Pinhole 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
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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