Q94

1MP People Counting Indoor Mini Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed Lens

- People Counting
- 1 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f4.2mm/F1.8
- Extreme WDR
- Event trigger, response and notification

▶ Specifications

Device

Product Type	Mini Dome
Maximum Resolution	1MP
Product Application	People Counting
Application Environment	Indoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	2065(H) X 1553(V) (3.21 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F1.8 (30 IRE, 2400 K); B/W: 0 lux at F1.8 (IR LED on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700-1100nm
IR LED	Adaptive IR LED x 3 (850 nm)
IR Working Distance	5m
Electronic Shutter	1/5-1/64000 second (manual mode); 1/5-1/64000 second (auto mode)

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- For product and mounting accessory information, visit: www.acti.com/products and www.acti.com/mountingselector
- All specifications are subject to change without notice.

Page 1 of 6

Horizontal Resolution (TV Lines)	1450 TVL
S/N Ratio	56 dB

Lens

Focal Length	Fixed focal, f4.2mm
Aperture	F1.8
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	73.1°
Vertical Viewing Angle	53.5°

Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1280 x 720 30 fps at 640 x 480 30 fps at 320 x 240
Multi-Streaming	Simultaneous triple streams based on three configurations
Bit Rate	128Kbps - 12Mbps (per stream)
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Extreme WDR (145 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Defogging
Digital Noise Reduction	2D + 3D DNR
Text Overlay	Yes
Counting Technology	2D
Built-in Analytics	Basic People Line Counting, Basic People Area Counting, Basic People Queue Detection
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	Flip, Mirror, Rotation (Corridor mode)
IVS performance	Certain algorithms may require more computing power, which may limit the number of algorithms that can be concurrently used in the camera. Please test the actual performance before using in a project.

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 pigtail connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control

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Page 2 of 6

Video Analytics

Analysis Source Type	Video
Metadata Accuracy	Standard

Event

Event Trigger	Scheduler, System is going to reboot, System booted successfully, Failed to write storage
Event Response	Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Push notification to mobile device, Save video to local storage, Upload video to NVR server, Upload video or snapshot to FTP server, Activate external device through digital output

Integration

Unified Solution	Fully compatible with ACTi software
Software Development Kit	Yes
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S, Profile G, Profile T* (To be available through future firmware upgrade), Profile Q
Web Browser	IE 11
Auto Firmware Upgrade	Yes* (To be available through future firmware upgrade)

Interface

Local Storage	MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB)
Operating Button	Reset Button

Installation

Distance to Target (People)	2.6m - 5.1m (8.5ft - 16.7ft)
Lens Direction & Counting Method (People)	Face Down: Line Counting, Inside Area Counting

General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	5.6 W (PoE), 3.84 W (DC)
Weight	232g (0.511lb)
Dimensions	(Ø x H): 115mm x 30.02mm (4.5" x 1.2")
Mount Type	Surface, Gang Box, Pendant, Converter for NPT Standard Mounts
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Humidity	10% - 85% RH
Approvals	CE Class B, FCC Class B, EAC, 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

* To be available through future firmware upgrade

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Page 3 of 6

▶ Photo Indication

1 DC 12V

2 Memory Card Slot

3 IR LED

4 Reset Button

5 Power & Status LED

6 Ethernet Port

▶ Dimension Diagram

27.10 [1.1]   30.02 [1.2]

Ø 115.00 [4.5]
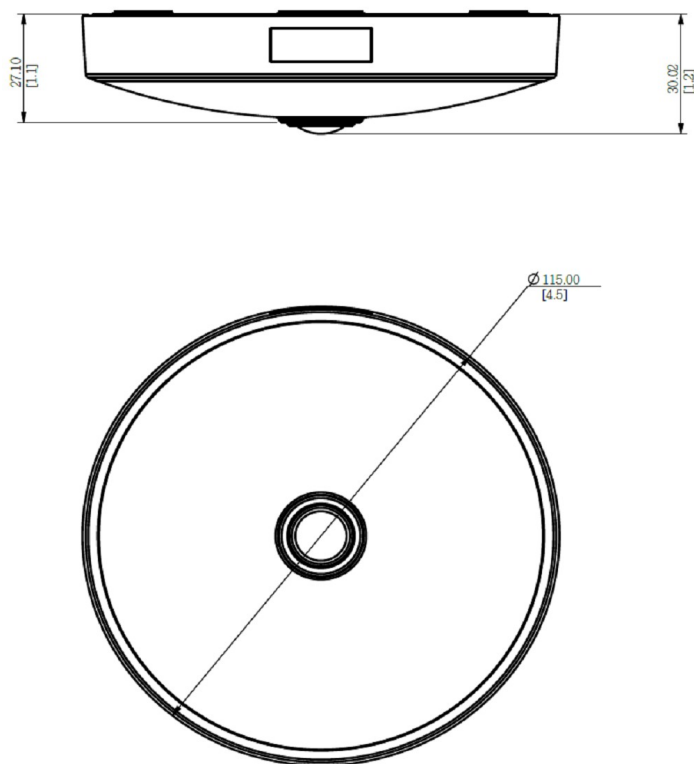
Unit: mm [inch]

▶ Related Products

Mounting Accessories - Camera Mount

PMAX-0111	Straight Tube (for D5x, D9x, E5x, E9x, E9xx/M)
PMAX-0112	Extension Tube (for D5x, D9x, E5x, E9x, E9xx/M)
PMAX-0122	Straight Tube (for A71, A88, A9x,)
PMAX-0123	Extension Tube (for A71, A88, A9x,)
PMAX-0316	Wall Mount (for D5x, D9x, E5x, E78, E9x, E9xx/M)
PMAX-0506	Pole Mount (for A31, A4x, E78, E9x, E9xx), supports 2" to 3" Poles
PMAX-0805	Gang Box Converter (for D5x, D9x, E5x, E78, E9x, E9xx/M), supports 4" Round and 4" Octagon Boxes
PMAX-0809	Converter Ring, 1.0" NPT for Third-Party Mounting Accessories
PMAX-1400	Mount Kit (for D5x, D9x, E5x, E78, E9x, E9xx/M)

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 |

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-2101	4-Port 802.3at PoE Switch (PoE Budget 62W)
PPSW-3100	PLANET FGSW-1816HPS 16-Port 802.3at PoE Switch (PoE Budget 220W)

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Page 5 of 6

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 |

Illuminators - IR LED Illuminator

| PLED-0200 | | SPINLUX (SL-A2IRXX10-24CL) IR Illuminator 10° Angle with 120 m approx. range |

| PLED-0202 | | SPINLUX (SL-A2IRXX35-24CL) IR Illuminator 35° Angle with 25 m approx. range |

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 |

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