E97

10MP with Basic WDR, Fixed Lens

- 10 Megapixel
- Fixed Lens with f3.6mm/F1.8
- Basic WDR
- Super wide angle
- Event trigger, response and notification

▶ Specifications

Device

Product Type	Mini Dome
Maximum Resolution	10MP
Application Environment	Indoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.3 "
Effective Pixels	3856(H) X 2764(V) (10.66 MP)
Day / Night	No
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F1.8 (30 IRE, 2400 K)
Mechanical IR Cut Filter	No
IR LED	No
Electronic Shutter	1/5-1/2000 second (manual mode); 1/5-1/10000 second (auto mode)
Horizontal Resolution (TV Lines)	1450 TVL
S/N Ratio	52 dB

Lens

Focal Length	Fixed focal, f3.6mm

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Aperture	F1.8
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	101.4°
Vertical Viewing Angle	73.7°
Viewing Angle Adjustment	Pan: ±90°, Tilt: 0°-90°

Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	7 fps at 3648 x 2736 7 fps at 3648 x 2160 7 fps at 2592 x 1944 7 fps at 2048 x 1536 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 (70 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless
Digital Noise Reduction	DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
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	Flip, Mirror

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),
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 or snapshot to FTP server, Upload video to NVR server

Integration

Unified Solution	Fully compatible with ACTi software
Software Development Kit	Yes
GPS Position	Manual setting

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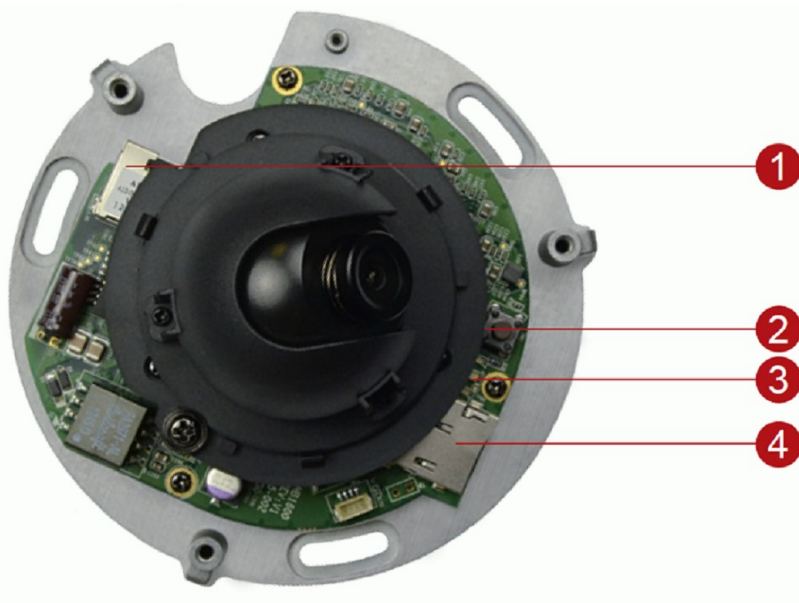| ONVIF Compliant	Yes, Profile S, Profile G, Profile T* (To be available through future firmware upgrade), Profile Q
GB28181 Compliant	Yes
Web Browser	IE 11
Auto Firmware Upgrade	Yes

Interface

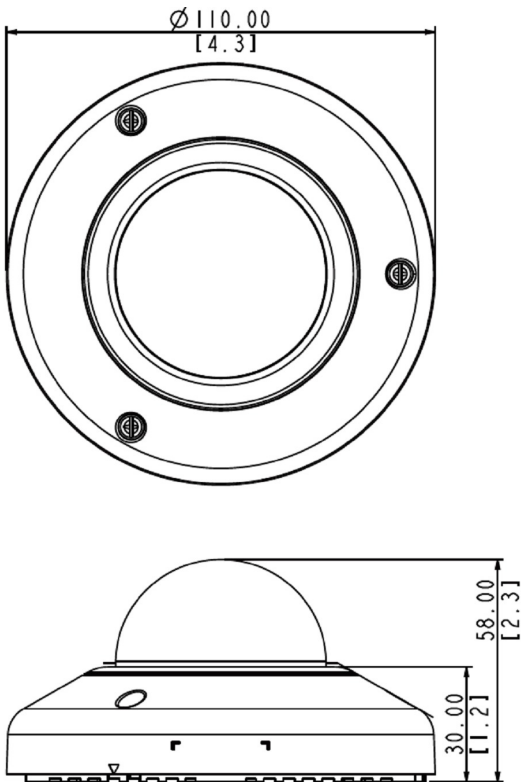| Local Storage	MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB)

General

Power Source	PoE Class 2 (IEEE802.3af)
Power Consumption	4.4 W (PoE)
Weight	210g (0.46lb)
Dimensions	(Ø x H): 110mm x 58mm (4.3" x 2.3")
Environmental Casing	Vandal resistant (IK08)
Mount Type	Surface, Gang Box, Pendant, Converter for NPT Standard Mounts, Wall Mount, Pole Mount
Starting Temperature	-10°C ~ 45°C (14°F ~ 113°F)
Operating Temperature	-10°C ~ 45°C (14°F ~ 113°F)
Operating Humidity	10% - 85% RH
Approvals	CE, FCC, IK08, UL (for optional PoE injector)
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

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▶ Photo Indication

1 Ethernet Port

2 Reset Button

3 Power LED

4 Memory Card Slot

▶ Dimension Diagram

Unit: mm [inch]

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▶ 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-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.

Dome Covers - Transparent Dome Cover

R701-50002		Dome Cover Housing with Transparent Dome Cover (for D91, D92, E91, E92, E94, E95)

Dome Covers - Smoked Dome Cover

PDCX-1106		Vandal Resistant Smoked Dome Cover for Indoor Mini Domes

Power Supply Accessories - PoE Injector

PPOE-0000		POE Injector , IEEE 802.3af compliant, AC 100~240V, for US & Japan
PPOE-0001		PoE Injector IEEE 802.3af compliant, AC 100~240V, with universal connectors

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)

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| 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) |

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 |

Other Accessories - Tool

| R707-X0001 | | Lens Focus Tuner |

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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