

E56

3MP with D/N, Adaptive IR, Superior WDR, Fixed Lens



- 3 Megapixel
- Day & Night with Adaptive IR LED
- Fixed Lens with f2.93mm/F2.0
- Superior WDR
- Wide Angle
- Event trigger, response and notification

► Specifications

Device

Product Type	Dome
Maximum Resolution	3MP
Application Environment	Indoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3 "
Effective Pixels	2048(H) X 1536(V) (3.15 MP)
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F2.0 (30 IRE, 2400 K); B/W: 0 lux at F2.0 (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 10 (850 nm)
IR Working Distance	30m
Electronic Shutter	1/5-1/2000 second (manual mode); 1/5-1/10000 second (auto mode)
Horizontal Resolution (TV Lines)	1250 TVL

S/N Ratio	52 dB
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Lens

Focal Length	Fixed focal, f2.93mm
Aperture	F2.0
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	85.7°
Vertical Viewing Angle	64.6°
Viewing Angle Adjustment	Pan: 0°-330°, Tilt: 20°-90°

Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	20 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	Superior WDR (110 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, Upload video or snapshot to FTP server, Upload video to NVR server

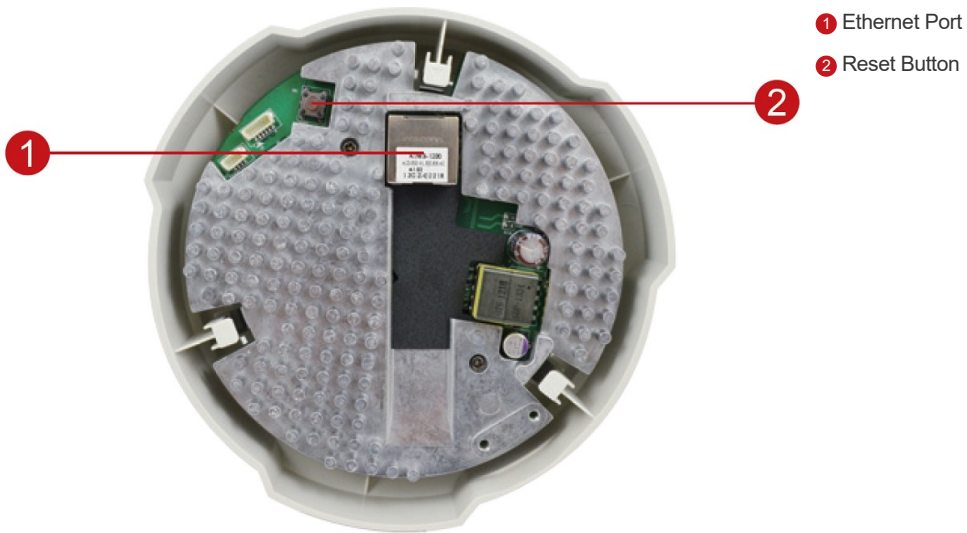
Integration

Unified Solution	Fully compatible with ACTi software
Software Development Kit	Yes
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S, Profile T* (To be available through future firmware upgrade), Profile Q
GB28181 Compliant	Yes
Web Browser	IE 11
Auto Firmware Upgrade	Yes

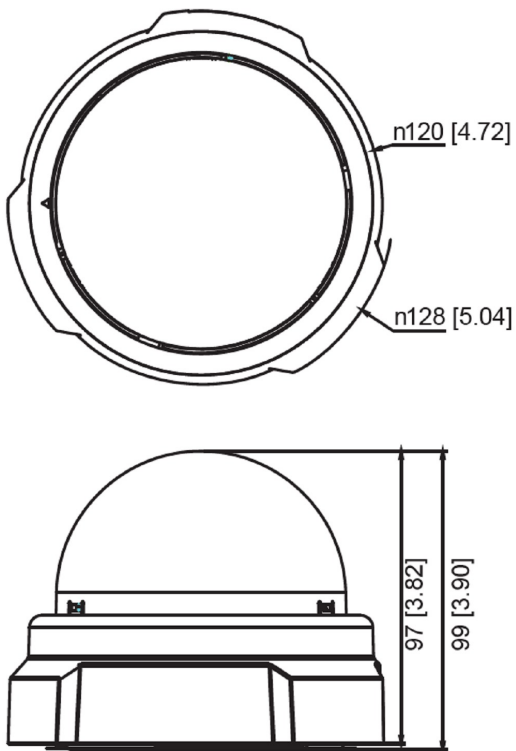
General

Power Source	PoE Class 2 (IEEE802.3af)
Power Consumption	5.28 W (PoE, IR on)
Weight	375g (0.827lb)
Dimensions	(Ø x H): 128mm x 99mm (5.04" x 3.9")
Environmental Casing	No
Mount Type	Surface, Gang Box, Flush, Pendant, Converter for NPT Standard Mounts, Wall Mount, Pole Mount, Corner Mount
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	10% - 85% RH
Approvals	CE, FCC, UL (for optional PoE injector)
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

► Photo Indication



















► Dimension Diagram



Unit: mm [inch]


► Related Products

Mounting Accessories - Camera Mount


PMAX-0101		Mount Kit for all Dome Cameras (except Mini Domes)
PMAX-0102		Straight Tube
PMAX-0103		Straight Tube with Bracket
PMAX-0104		Extension Tube
PMAX-0111		Straight Tube (for D5x, D9x, E5x, E9x, E9xx/M)
PMAX-0112		Extension Tube (for D5x, D9x, E5x, E9x, E9xx/M)
PMAX-0302		Gooseneck with Bracket
PMAX-0303		Gooseneck
PMAX-0402		Corner Mount
PMAX-0503		Pole Mount (for PMAx-0102, PMAx-0312, PMAx-0313, PMAx-0314, PMAx-0702, PMAx-1106, PMAx-1107), supports 5.25" to 8.5" Poles
PMAX-0702		Junction Box for PTZ and Dome Cameras
PMAX-0805		Gang Box Converter (for D5x, D9x, E5x, E78, E9x, E9xx/M), supports 4" Round and 4" Octagon Boxes
PMAX-0808		Converter Ring, 1.5" NPT for Third-Party Mounting Accessories
PMAX-0809		Converter Ring, 1.0" NPT for Third-Party Mounting Accessories
PMAX-1006		Flush Mount Kit (for D5x, E5x)
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.


Lenses - Fixed Lens

PLEN-0129		Fixed Focal f2.93mm, Fixed Iris F2.0, Manual Focus, D/N, Board Mount Lens
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Dome Covers - Transparent Dome Cover

R701-60003  Transparent Dome Cover (for D53, D54, D55, E52~E59)

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)

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

Illuminators - IR LED Illuminator

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

PLED-0201  SPINLUX (SL-A2IRXX25-24CL) IR Illuminator 25° Angle with 50 m approx. range

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

Other Accessories - Camera Part

R707-60001  Lens Rubber Ring (for D5x, E5x)

Other Accessories - Accessory Part

R705-60002  Mounting Plate (for D53, D54, D55, E52~E59)

Other Accessories - Tool

R707-X0001



Lens Focus Tuner

Product Demo - Camera Demo Kit

PCDK-0001



Camera Demo Kit Rack Box (350 x 550 x 140 mm) for all cameras except Mini Domes

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