B63

2MP Indoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 3x Zoom Lens

- 2 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 3x Zoom Lens with f3.0-9.0mm/F1.3-F2.2, DC iris, Auto focus
- Extreme WDR
- Super wide angle
- Built-in Analytics
- Event trigger, response and notification

▶ **Specifications**

Device

Product Type	Zoom Dome
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	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F1.3 (30 IRE, 2400 K); B/W: 0 lux at F1.3 (IR LED on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 10 (850 nm)
IR Working Distance	40m
Horizontal Resolution (TV Lines)	1450 TVL
S/N Ratio	56 dB

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Lens

Focal Length	Zoom, f3.0-9.0mm
Aperture	F1.3-F2.2
Zoom Ratio	3x optical
Zoom Application	Camera Installation, Auto Zoom by Event, Manual Operation
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	102.1° - 36°
Vertical Viewing Angle	56.8° - 20.1°
Viewing Angle Adjustment	Pan: -175°-175°, Tilt: 5°-170°, Rotation: -175°-175°

PTZ

Pan, Tilt or Zoom protocol	Visca, Pelco-D, Pelco-P, ACTi URL command

Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	60 fps at 1920 x 1080 60 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	Digital Image Stabilizer (DIS, EIS), Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	20 configurable 3D privacy masks
On-Screen Graphics	Yes
Built-in Analytics	Basic Face Detection, Object Based Motion Detection, Tampering Detection, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Object Loitering 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	Rotation
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.

Audio

Audio Type	2-way, Line-in, Line-out
Audio Compression	8 kHz, 16 bit encoding, Mono, PCM, G.711

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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

Video Analytics

Analysis Source Type	Video
Metadata Accuracy	Standard

Event

Event Trigger	Video motion detection (10 included and excluded polygons regions), External device through digital input, Sound detection, Intelligent event detection,
Event Response	Notify control center, Go to Zoom preset point or preset tour, 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 to NVR server, Upload video or snapshot to FTP 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 Q
GB28181 Compliant	Yes
Web Browser	IE 11
Auto Firmware Upgrade	Yes

Interface

Local Storage	MicroSDHC, MicroSDXC memory card slot (card not included)
Digital Input/Output	2/2

General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	12 W (PoE), 11 W (DC, IR on)
Weight	709g (1.563lb)
Environmental Casing	Vandal resistant (IK09)
Mount Type	Surface, Gang Box, Flush, Pendant, Converter for NPT Standard Mounts, Wall Mount, Pole Mount, Corner Mount
Heater	Yes
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F) within 30 minutes
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Approvals	CE, FCC, IK09, UL (for optional PoE injector and power adapter)
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 Memory Card Slot
3 Digital Input/Output
4 Audio Input / Output
5 DC 12V Power Input
6 Reset Button

▶ Dimension Diagram

n146.00
[5.7]

107.00
[4.2]

52.10
[2.1]
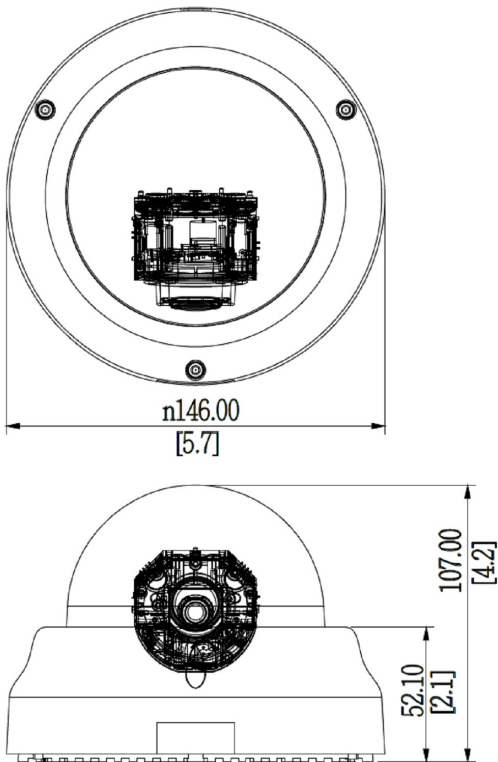
Unit: mm [inch]

▶ 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-0302		Gooseneck with Bracket
PMAX-0303		Gooseneck
PMAX-0313		Heavy Duty Wall Mount for Indoor Domes (for B5x, B6x, D6x, E6x, I5x)
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-0505		Pole Mount (for B4x, B41x, E44, E45, E46, E48, E44A, E45A, E46A, E41x, I4x, PMAX-0312, PMAX-0313, PMAX-0314, PMAX-0330), supports 2" to 3" Poles
PMAX-0702		Junction Box for PTZ and Dome Cameras
PMAX-0804		Gang Box Converter for Outdoor Domes, supports Two-Gang Boxes
PMAX-0807		Gangbox Converter (for PMAX-0102, PMAX-0312, PMAX-0313, PMAX-0314, PMAX-0321), supports Two-Gang Boxes
PMAX-0808		Converter Ring, 1.5" NPT for Third-Party Mounting Accessories
PMAX-1012		Flush Mount Kit (for B6x)

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.

Dome Covers - Transparent Dome Cover

R701-70006		Transparent Dome Cover Only (for B51, B52, B53, B61~B67, B81~B87, B94~B97, D61~D65, D6xA, D7x, D7xA, D8x, D8xA, E61~E69, E6xA, E71~E77, E7xA, E81~E88, E8xA, Q61, Q81)

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Dome Covers - Smoked Dome Cover

| PDCX-1109 | | Vandal Proof Smoked Dome Cover for B6x, B8x, B9x |

Dome Covers - Dome Cover Shroud

| PDCX-1114 | | Dome Cover Shroud for B6x, B8x, Q61, Q81 |

Power Supply Accessories - Power Adapter

| PPBX-0011 | | Power Adapter AC 100~240V, with universal connectors for all DC12V powered devices |

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 |

Audio Devices - Microphone

| PMIC-0100 | | Active Microphone Omnidirectional for all Cameras with Line-in Audio |

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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

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