

# A62

## 5MP Indoor Zoom Dome with D/N, Adaptive IR, Advanced WDR, SLLS, 4.3x Zoom Lens



- 5 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 4.3x Zoom Lens with f2.8-12mm/F1.4-F2.8, DC iris, Auto focus (for installation)
- Advanced WDR
- H.265 Compression
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Zoom Dome
Maximum Resolution	5MP
Application Environment	Indoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.9 "
Effective Pixels	3096(H) X 2202(V) (6.82 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.15 lux; B/W: 0 lux (IR LED on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700-1150nm
IR LED	Adaptive IR LED x 12 (850 nm)
IR Working Distance	15m
Horizontal Resolution (TV Lines)	1300 TVL
S/N Ratio	56 dB

**Lens**

Focal Length	Zoom, f2.8-12mm
Aperture	F1.4-F2.8
Zoom Ratio	4.3x optical
Zoom Application	Camera Installation
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	68° - 26.6°
Vertical Viewing Angle	50.8° - 20.2°
Viewing Angle Adjustment	Pan: ±135°, Tilt: 0°-90°, Rotation: ±90°

**PTZ**

Pan, Tilt or Zoom protocol	ACTi URL command
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**Video**

Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 2592 x 1944 30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 320 x 240
Multi-Streaming	Simultaneous triple streams based on three configurations
Bit Rate	128Kbps - 20Mbps (per stream)
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Advanced WDR (120 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
On-Screen Graphics	Yes
Built-in Analytics	Tampering 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

**Audio**

Audio Type	2-way, Mic-in, Line-in, Line-out
Audio Compression	8 kHz, Mono, 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
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Ethernet Port	1 x RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login

## Event

Event Trigger	Video motion detection (3 regions), External device through digital input, Sound detection, Tampering detection
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, 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 T, Profile Q
Web Browser	IE 11

## Interface

Analog Video Output	1 x CVBS, Terminal block
Local Storage	MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB)
Digital Input/Output	1/1

## General

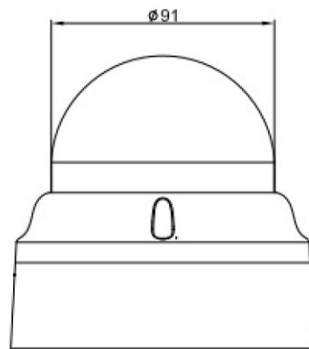
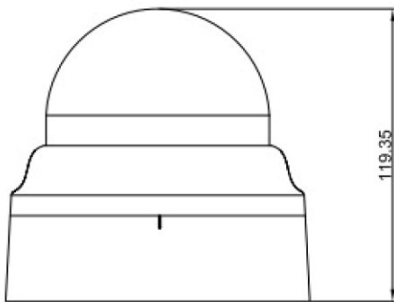
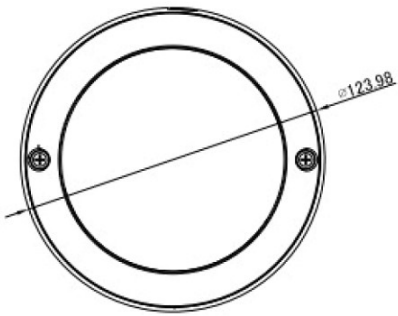
Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	10 W (PoE), 8 W (DC)
Weight	440g (0.970lb)
Mount Type	Surface
Starting Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Operating Humidity	20% - 80% RH
Approvals	CE Class A, FCC Class A
Warranty	3 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

### ► Photo Indication



- 1 DC 12V Power Input  
Audio Input / Output  
Video Output  
Digital Input / Output  
DC 5V Power Output
- 2 Memory Card Slot
- 3 Ethernet Port











### ► Dimension Diagram



Unit: mm [inch]



## ► Related Products

### Mounting Accessories - Camera Mount

PMAX-0102		Straight Tube
PMAX-0103		Straight Tube with Bracket
PMAX-0122		Straight Tube (for A71, A88, A9x,)
PMAX-0123		Extension Tube (for A71, A88, A9x,)
PMAX-0318		Wall Mount (for A91, A92, Z91, A61, A62)
PMAX-0402		Corner Mount
PMAX-0506		Pole Mount (for A31, A4x, E78, E9x, E9xx), supports 2" to 3" Poles
PMAX-0816		Converter Ring, 1.0" NPT for Third-Party Mounting Accessories, White
PMAX-1027		Flush Mount (for A61, A62, A8x, except A88)
PMAX-1402		Mount Kit (for A91, A92, Z91, A61, A62, A71)

**Note:** Some mounting accessories may need additional accessories for installation. Please check [www.acti.com/mountingselector](http://www.acti.com/mountingselector) for more information.

### 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