A86



5MP Outdoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 5x Zoom Lens

- 5 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 5x Zoom Lens with f2.7-13.5/F1.4-F3.3, Auto focus (for installation)
- Extreme WDR
- H.265 Compression
- Wide Angle
- Event trigger, response and notification

Specifications

Device

Device				
Product Type	Zoom Dome			
Maximum Resolution	5MP			
Application Environment	Outdoor			
Image Sensor	Progressive Scan CMOS			
Sensor Size	1/2.8 "			
Effective Pixels	2592(H) X 1944(V) (5.04 MP)			
Day / Night	Yes			
Low Light Sensitivity	Superior			
Minimum Illumination	Color: 0.018 lux (30 IRE); B/W: 0 lux (IR LED on)			
Color to B/W Switch	ISP based switch, configurable			
Mechanical IR Cut Filter	Yes			
IR LED	Adaptive IR LED			
IR Working Distance	30m			
Electronic Shutter	1/5-1/64000 second (manual mode); 1/5-1/64000 second (auto mode)			
Horizontal Resolution (TV Lines)	1600 TVL			

Lens

Focal Length	Zoom, f2.7-13.5mm	
Aperture	F1.4-F3.3	
Zoom Ratio	5x optical zoom	
Zoom Application	Camera Installation	
Iris	Adaptive iris	
Focus	Auto focus	
Lens Mount	Board mount	
Horizontal Viewing Angle	96.8° - 30.7°	
Vertical Viewing Angle	70.4° - 23.1°	
Viewing Angle Adjustment	Pan: 360°, Tilt: 90°, Rotation: ±90°	

Video

Compression	H.265, H.264 (Main profile), MJPEG			
Maximum Frame Rate vs. Resolution	30 fps at 2560 x 1920 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 Mode	Constant, Variable			
Wide Dynamic Range	Extreme WDR (125 dB)			
Image Enhancement	White Balance, Brightness, Backlight compensation (BLC), Contrast, Saturation, 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, Smok Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, (Require PC-based standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accur			
Image Orientation	Flip, Mirror, Rotation (Corridor mode)			

Audio

Audio Type	2-way, Mic-in, Line-in, Line-out		
Audio Compression	8 kHz, Mono, G.711		

Network

	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMI ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X	
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	

Video Analytics			
Analysis Source Type	Video		
Event			
Event Trigger	Video motion detection (3 regions), External device through digital input, Sound detection, Tampering detection, Video streams loss		
Event Response	Notify control center, 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		
System			
Watchdog	Support		
Integration			
Unified Solution	Fully compatible with ACTi software		
Edge Recording	Support (integration with NVR by ONVIF Profile G or proprietary protocol)**		
ONVIF Compliant	Yes, Profile S, Profile G, Profile Q		
Web Browser	IE 11, Google Chrome*, Microsoft Edge*, Apple Safari*		
Auto Firmware Upgrade	Yes		
Interface			
Local Storage	MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only)		
Digital Input/Output	1/1 (Terminal block), DC Output Voltage: 5V		
Operating Button	Reset Button		
General			
Power Source	DC 12V, PoE Class 3 (IEEE802.3af)		
Power Consumption	12.95 W (PoE)		
Dimensions	(Ø x H): 139.38mm x 129.75mm (5.48" x 5.10")		
Environmental Casing	Weatherproof (IP66), Vandal proof (IK10)		
Mount Type	Surface, Pendant, Wall Mount		
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)		
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)		
Operating Humidity	20% - 80% RH		
Approvals	CE Class A, FCC Class A, EAC, IP66, IK10		
Real-time Clock (RTC)	Yes		

^{*} cross-browser compatibility: Motion Detection and Intelligent Video configurations are not available. ** Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

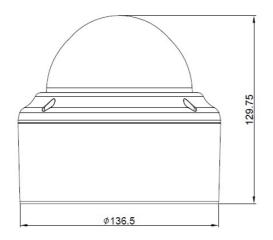
www.acti.com

Warranty

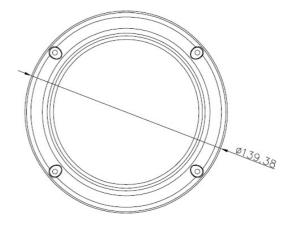
Photo Indication



Dimension Diagram



www.acti.com



Unit: mm [inch]

Related Products

Mounting Accessories - Camera Mount

Mounting Accessories - Camera Mount				
PMAX-0102	1	Straight Tube		
PMAX-0103	T	Straight Tube with Bracket		
PMAX-0104		Extension Tube		
PMAX-0113		Pendant Mount (for A8x, except A88)		
PMAX-0302	\bigcap_{Π}	Gooseneck with Bracket		
PMAX-0303		Gooseneck		
PMAX-0321		Heavy Duty Wall Mount for Outdoor Domes (for A8x, Z83, Z84, except A88)		
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-0511		Pole Mount (for A8x), supports 5.25" to 8.5" Poles		
PMAX-0702		Junction Box for PTZ and Dome Cameras		
PMAX-0704		Junction Box (for A4x, B4x, B41x, E44, E45, E46, E48, E44A, E45A, E46A, E41x, I4x, PMAX-0203~PMAX-0205)		
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-0810		Mount Kit and Converter Ring, 1.5" NPT for Third-Party Mounting Accessories (for A8x, except A88)		
PMAX-0813		Gang Box Converter (for A8x, except A88), supports Two-Gang Boxes		
PMAX-1027		Flush Mount (for A61, A62, A8x, except A88)		

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

Dome Covers - Transparent Dome Cover

R701-70009 Transparent Dome Cover (for A8x-10A)

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