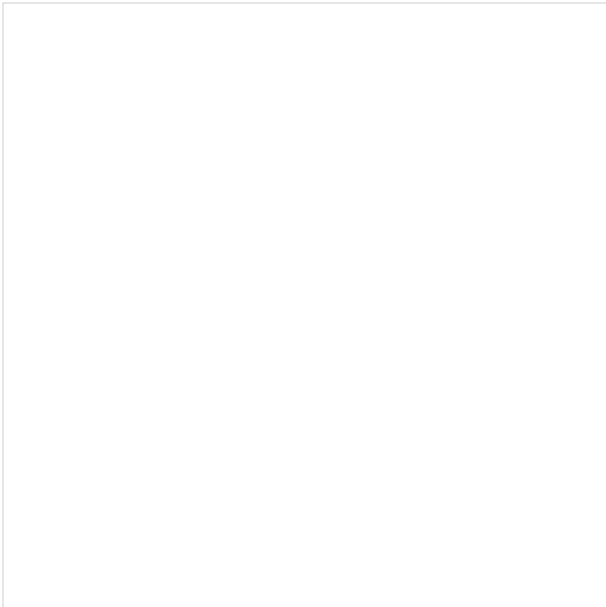


D82

3MP with D/N, Adaptive IR, Vari-focal Lens



- 3 Megapixel
- Day & Night with Adaptive IR LED
- Vari-focal Lens with f2.8-12mm/F1.4
- Event trigger, response and notification

Specifications

Device

Product Type	Dome
Maximum Resolution	3MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3.2 "
Effective Pixels	2592(H) X 1944(V) (5.04 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 F1.4 (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 15 (850 nm)
IR Working Distance	15m (0 lux, 30IRE, Max Exposure Gain)
Electronic Shutter	1/5-1/2000 second (manual mode); 1/5-1/10000 second (auto mode)
Horizontal Resolution (TV Lines)	1350 TVL

S/N Ratio	52 dB
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Lens

Focal Length	Vari-focal, f2.8-12mm
Aperture	F1.4
Iris	Fixed iris
Focus	Manual focus
Lens Mount	Board mount
Horizontal Viewing Angle	70.5° - 28.2°
Vertical Viewing Angle	38.5° - 15.5°
Viewing Angle Adjustment	Pan: 0°-350°, Tilt: 17°-163°, Rotation: 0°-350°

Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	15 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
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, Direction Detection, Automatic License Plate Recognition, 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
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Software Development Kit	Yes
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S, Profile G, Profile Q
GB28181 Compliant	Yes
Web Browser	IE 11 or newer, Firefox with VLC, Chrome with VLC, Safari with QuickTime
Auto Firmware Upgrade	Yes

Interface

Local Storage	MicroSDHC, MicroSDXC memory card slot (card not included)
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General

Power Source	PoE Class 2 (IEEE802.3af)
Power Consumption	5.18 W (PoE, IR on)
Weight	1025g (2.26lb)
Dimensions	(Ø x H): 150.76mm x 116.9mm (6" x 4.6")
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10)
Mount Type	Surface, Gang Box, Flush, Pendant, Converter for NPT Standard Mounts, Wall Mount, Pole Mount, Corner Mount
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Operating Humidity	10% - 85% RH
Approvals	CE, FCC, IP67, NEMA 4X, IK10, UL (for optional PoE injector)
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

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-0305	Heavy Duty Wall Mount
PMAX-0314	Heavy Duty Wall Mount for Outdoor Domes (for B8x, B9x, D7x, D8x, E7x [except E78], E8x, I7x)
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-0802	Surface Mount for Outdoor 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-1003	Flush Mount Kit (for D6x, D7x, D8x, E61~E67, E7x [except E78], E81~E88)
PMAX-1501	Cable Gland for Outdoor Domes (except Hemispheric Domes)

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

Dome Covers - Transparent Dome Cover

R701-70004	Dome Cover Housing with Transparent Dome Cover (for D7x, E7x, D8x, E8x)
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)

Dome Covers - Smoked Dome Cover

PDCX-1101	Vandal Proof Smoked Dome Cover for B51, B52, B53, D6x(A), E6x(A), E7x(A), E8x(A), KCM-3311, KCM-7111, KCM-7311 (except E610, E78, E89)
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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
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Extenders - PoE over Coaxial Extender Kit

PPOC-0100	Planet LRP-101C-KIT Power over Coax Adapter Kit
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Other Accessories - Accessory Part

R707-70001	Conduit Gland for Dome Cameras
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Product Demo - Camera Demo Kit

PCDK-0001	Camera Demo Kit Rack Box (350 x 550 x 140 mm) for all cameras except Mini Domes
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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