I92

2MP with D/N, Extreme WDR, ELLS, 30x Zoom Lens

- 2 Megapixel
- Day & Night with Extreme Low Light Sensitivity
- 30x Zoom Lens with f4.3-129mm/F1.6-F5.0, DC iris, Auto focus
- Extreme WDR
- Pan & Tilt
- Event trigger, response and notification

▶ **Specifications**

Device

Product Type	PTZ
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	Extreme
Minimum Illumination	Color: 0.1 lux at F1.6 (30 IRE , 2400 K); B/W: 0.05 lux at F1.6 (30 IRE, 2400 K)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700-1100nm
IR LED	No
Electronic Shutter	1/15-1/2000 second (manual mode, 60 Hz); 1/15-1/10000 second (auto mode, 60 Hz)
Horizontal Resolution (TV Lines)	1800 TVL
S/N Ratio	56 dB

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Page 1 of 8

Lens

Focal Length	Zoom, f4.3-129mm
Aperture	F1.6-F5.0
Zoom Ratio	30x optical, 16x digital
Zoom Speed	2.87 second (wide to tele)
Zoom Application	Camera Installation, Auto Zoom by Event, Manual Operation
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	66.4° - 2.68°
Vertical Viewing Angle	39.6° - 1.59°

PTZ

Scan Panning / Tilting Speed	0.16° - 32°/second, 0.16° - 32°/second
Manual Panning / Tilting Speed	1.6° - 40.32°/second, 0.16° - 20.16°/second
Preset Panning / Tilting Speed	0.16° - 480°/second, 0.16° - 480°/second
Panning Range	0°~360° (with auto-flip)
Tilting Range	0°~180°
PTZ Control	Remote manual control, 10 preset tours, Auto scan
Preset Accuracy (Panning/Tilting)	0.265°/0.265°
Absolute Position	Yes
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	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	Extreme WDR (145 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	32 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)

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Page 2 of 8

Image Orientation	Flip, Mirror

Audio

Audio Type	2-way, Line-in, Line-out
Audio Compression	8 kHz, 16 bit encoding, Mono, PCM, 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, 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), External device through digital input, Sound detection,
Event Response	Notify control center, Go to PTZ 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 or snapshot to FTP server, Upload video to NVR server, Activate external device through digital output

Integration

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

Interface

Audio Interface	3.5mm Phone Jack
Local Storage	MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB)
Digital Input/Output	2/2

General

Power Source	High PoE (IEEE802.3at), DC 12V
Power Consumption	12.94 W (PoE)
Weight	1546g (3.41lb)
Environmental Casing	Vandal resistant (IK09)
Bundled Accessories	Surface mount, Power Adapter
Mount Type	Surface, Gang Box, Pendant, Converter for NPT Standard Mounts, Flush, 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

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Page 3 of 8

Approvals	CE, FCC, IK09, UL (for bundled power adapter)
Warranty	3 Year(s) (1 year in continuous motion). For extended warranty offering, see http://www.acti.com/support/warranty

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▶ Photo Indication

① Digital Input/Output
② Audio-In/Audio-Out
③ DC 12V Power Input
④ Ethernet Port
⑤ Memory Card Slot
⑥ Reset Button
⑦ Power LED

▶ Dimension Diagram

150 [5.9]

SCALE 0.5

Ø126 [5.0]

163.30 [6.4]

23.80 [0.9]

7 [0.3]

15 [0.6]
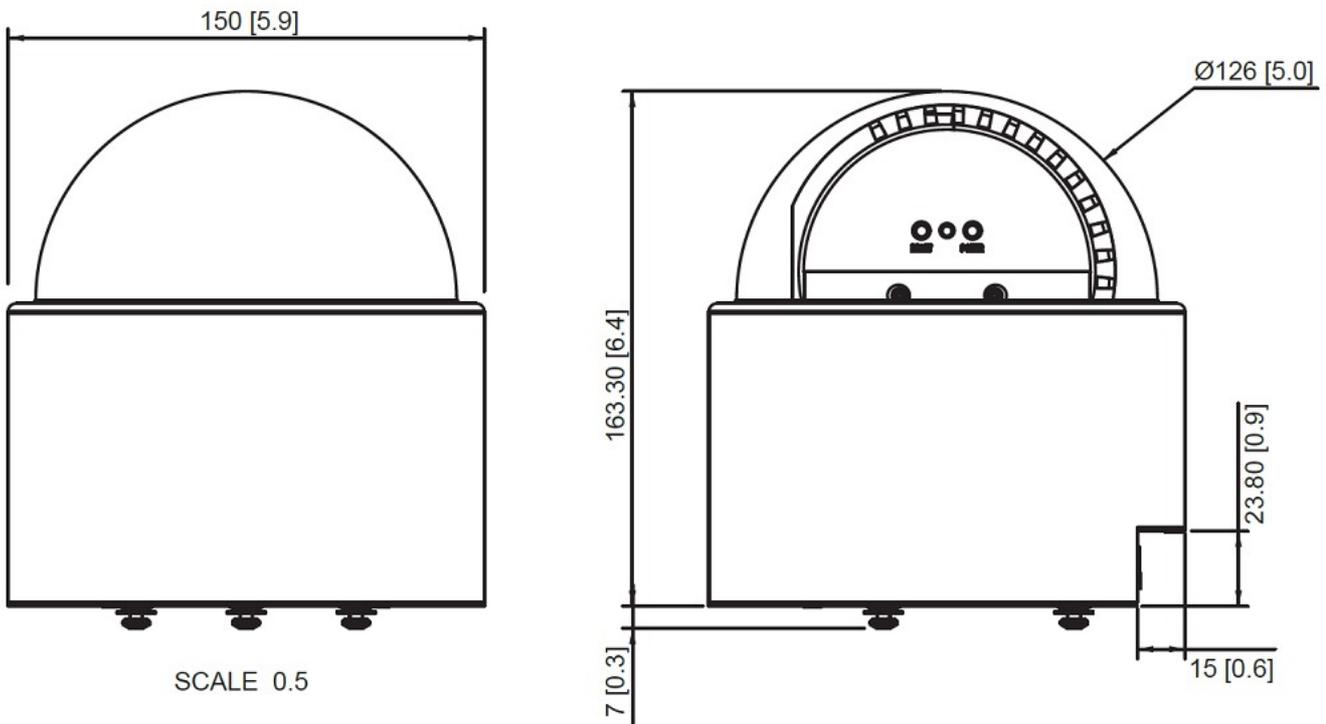
Unit: mm [inch]

▶ Related Products

Mounting Accessories - Camera Mount

PMAX-0102		Straight Tube
PMAX-0103		Straight Tube with Bracket
PMAX-0104		Extension Tube
PMAX-0110		Mount Kit (for I91, I92, KCM-8111)
PMAX-0302		Gooseneck with Bracket
PMAX-0303		Gooseneck
PMAX-0311		L-Type Wall Mount (for I91, I92, KCM-8111)
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-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-1010		Flush Mount Kit (for I91, I92, KCM-8111)
R707-40001		Surface Mount for Indoor PTZ

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

Dome Covers - Smoked Dome Cover

PDCX-1105		Smoked Dome Cover for I91, I92, I912, B913, B923, B934, KCM-8111

Power Supply Accessories - Power Adapter

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

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Page 6 of 8

Power Supply Accessories - PoE Injector

| PPOE-0101 | | High PoE Injector IEEE 802.3at compliant, AC 100~240V, with universal connectors (for I91, I92, KCM-8111) |

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 |

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) |

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Page 7 of 8

| 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 |

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Page 8 of 8