

# I915

## 2MP Outdoor Speed Dome with D/N, Adaptive IR, Extreme WDR, ELLS, 36x Zoom Lens



- 2 Megapixel
- Day & Night with Extreme Low Light Sensitivity and Adaptive IR LED
- 36x Zoom Lens with f4.6-165.6mm/F1.55-F5.0, DC iris, Auto focus
- Extreme WDR
- Endless Pan & Tilt
- PTZ Auto Tracking
- Overview, Zoom and Tracking (OZT)
- Built-in Analytics
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Speed Dome
Maximum Resolution	2MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	1945(H) X 1097(V) (2.13 MP)
Day / Night	Yes
Low Light Sensitivity	Extreme
Minimum Illumination	Color: 0.1 lux at F1.55 (30 IRE, 2400 K); B/W: 0 lux at F1.55 (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 6 (850 nm)
IR Working Distance	160m
Electronic Shutter	1/5-1/32000 second (manual mode); 1/5-1/32000 second (auto mode)
Horizontal Resolution (TV Lines)	1800 TVL

S/N Ratio	56 dB
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## Lens

Focal Length	Zoom, f4.6-165.6mm
Aperture	F1.55-F5.0
Zoom Ratio	36x optical, 16x digital
Zoom Speed	2 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	62.7° - 2.7°
Vertical Viewing Angle	38.5° - 1.6°
Overview, Zoom and Tracking (OZT) technology	Yes (Pair of intelligent speed dome camera with B511A, B59A, B74A and B76A hemispheric camera)

## PTZ

Scan Panning / Tilting Speed	0.16° - 32°/second, 0.16° - 16°/second
Manual Panning / Tilting Speed	0.16° - 54.4°/second, 0.16° - 27.2°/second
Preset Panning / Tilting Speed	0.16° - 300°/second, 0.16° - 150°/second
Panning Range	360° endless
Tilting Range	-20°~200°
PTZ Control	Remote manual control, 256 preset points, 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	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	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	20 configurable 3D privacy masks
Text Overlay	Yes
On-Screen Graphics	Yes

Built-in Analytics	Basic Face Detection, Object Based Motion Detection, Tampering Detection, Shock Detection, PTZ Auto Tracking, 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, 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
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

## 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 pigtail 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 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 to NVR server, Upload video or snapshot to FTP 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 Q
GB28181 Compliant	Yes
Web Browser	IE 11
Auto Firmware Upgrade	Yes

## Interface

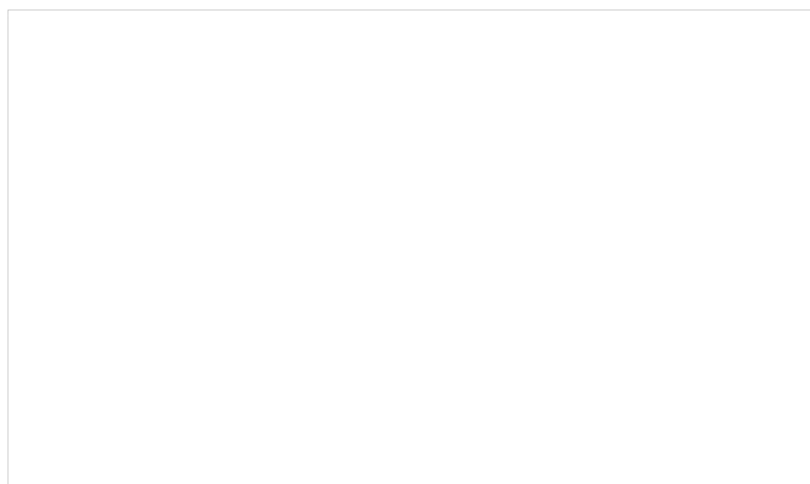
Audio Interface	Cable with 3.5mm Phone Jack
Local Storage	MicroSDHC, MicroSDXC memory card slot (card not included)

Digital Input/Output	4/2 (Cable with Terminal block)
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### General

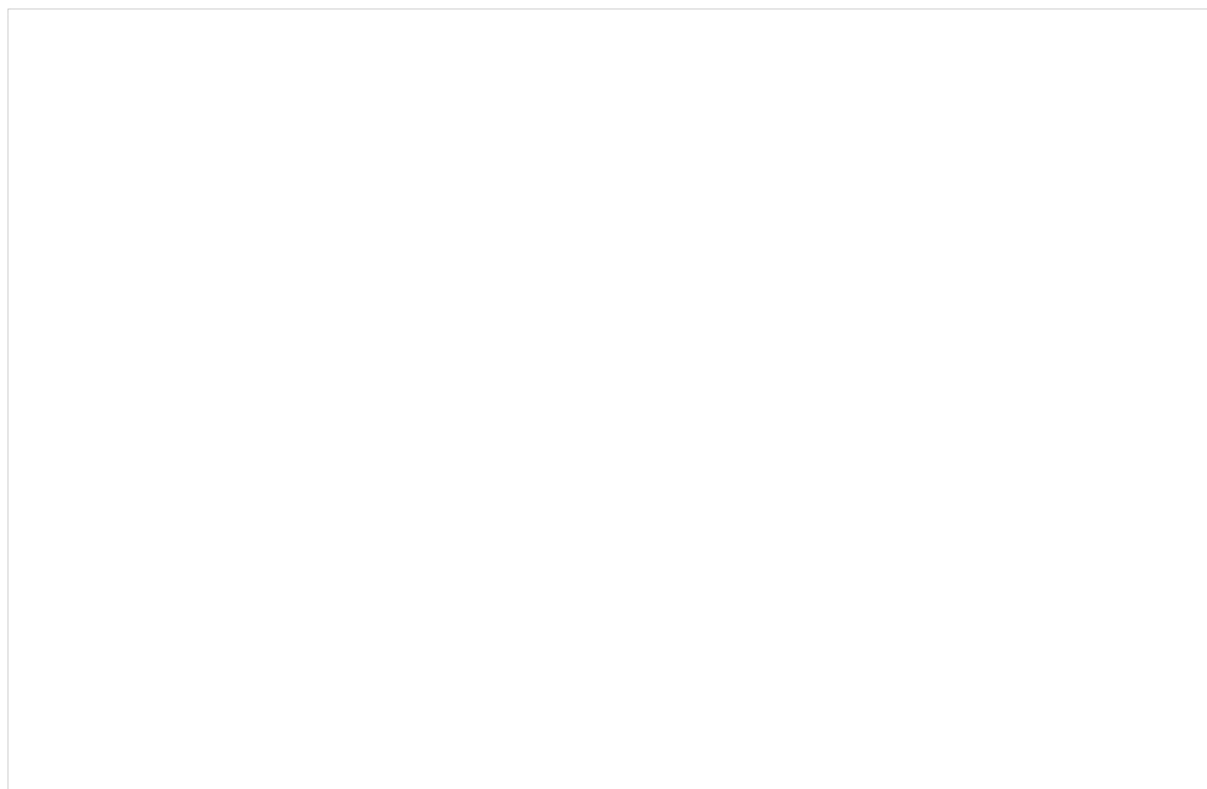
Power Source	AC 24V, High PoE
Power Consumption	50 W (PoE, heater, fan and IR on), 62 W (AC, heater, fan and IR on)
Weight	3135g (6.91lb)
Dimensions	(Ø x H): 170mm x 260mm (6.69" x 10.23")
Environmental Casing	Weatherproof (IP66), Vandal proof metal casing (IK10), Built-in dehumidifier, Scratch-resistant and water-repellent lens glass
Bundled Accessories	High PoE injector (for USA) or Power Adapter (for other countries)
Mount Type	Pendant, Wall Mount, Corner Mount, Pole Mount, Gang Box
Fan	Yes
Heater	Yes
Dehumidifier	Yes
Starting Temperature	-40°C ~ 55°C (-40°F ~ 131°F) within 30 minutes
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Operating Humidity	10% - 85% RH
Approvals	CE, FCC, BIS, IP66, NEMA 4X, IK10 (metal casing), UL Listed (UL 60950-1)
Warranty	3 Year(s) (1 year in continuous motion). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

## ▶ Photo Indication



- 1 Power LED
- 2 Reset Button
- 3 Memory Card Slot
- 4 Audio Output
- 5 Audio Input
- 6 Digital Input/Output
- 7 AC 24V Power Input
- 8 Ethernet Port

## ▶ Dimension Diagram



Unit: mm [inch]

## ▶ Related Products

### Mounting Accessories - Camera Mount

PMAX-0102	Straight Tube
PMAX-0103	Straight Tube with Bracket
PMAX-0104	Extension Tube
PMAX-0108	Straight Tube (for TCM-6630)
PMAX-0302	Gooseneck with Bracket
PMAX-0303	Gooseneck
PMAX-0305	Heavy Duty Wall Mount
PMAX-0312	PTZ Wall Mount for Outdoor PTZ / Speed Dome (except KCM-8211 & TCM-6630)
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-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

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

### Power Supply Accessories - Power Adapter

PPBX-0008	Power Adapter AC 100~240V, with universal connectors for PLED-0203~PLED-0205
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### Power Supply Accessories - PoE Injector

PPOE-0103	High PoE Injector, Single-port, 60W Gigabit Midspan, 4-Pairs, 802.3at Compliant, AC 100~240V, with universal connectors (for, I93~I910, I915, B915~B917, B922, B928, B945, B949, A950)
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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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## 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
PLED-0204	SPINLUX (SL-A2IRXX25-48CL) IR Illuminator 25° Angle with 80 m approx. range
PLED-0205	SPINLUX (SL-A2IRXX35-48CL) IR Illuminator 35° Angle with 40 m approx. range

## 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