

# Z914

## 2MP Deep Learning AI ColorGuard f2mm Indoor Fixed Dome with IR LED 50m, WDR 120dB



- 2 Megapixel, f2mm, Fixed Dome
- Deep Learning AI, ColorGuard
- IR LED 50m, Superior WDR (120 dB)
- Color Min. Illumination 0.003 lux
- Smart Motion Detection, Smart Intrusion Protection, Object Metadata
- DORI (31.0 / 12.4 / 6.2 / 3.1m)

## Specifications

### Product Profile

Product Type	Fixed Dome
Application Environment	Indoor
Maximum Resolution	2MP
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.7 "
Day / Night	Yes
Low Light Sensitivity	Extreme
ColorGuard	Yes
Minimum Illumination	Color: 0.003 lux at F1.6 (AGC on); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	50m
White LED	Yes
S/N Ratio	75 dB

<b>Lens</b>	
Focal Length	Fixed focal, f2mm
Horizontal Viewing Angle	126°
Vertical Viewing Angle	71°
Viewing Angle Adjustment	Tilt: 0°-68°, Rotation: 3°-360°

<b>Video</b>	
Compression	H.265 Adaptive Stream, H.264 Adaptive Stream, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 720 x 576 30 fps at 640 x 360 30 fps at 704 x 288 30 fps at 352 x 288
Multi-Streaming	Simultaneous dual streams
Digital Noise Reduction	2D + 3D DNR
Wide Dynamic Range	Superior WDR (120 dB)
Image Orientation	Flip, Mirror, Rotation (Corridor mode)(±90°, 180°)
Image Enhancement	Backlight compensation (BLC), Highlight compensation (HLC), Automatic gain control (AGC)
Privacy Mask	4 configurable regions
Built-in Analytics	Smart Motion Detection (People Detection, Vehicle Detection), People Detection, Vehicle Detection, Smart Intrusion Protection, Object Metadata, Tampering Detection by TOF sensor, People Line Crossing Detection, People Enter Area Detection, Temperature Detection, Humidity Detection

<b>Analytics</b>	
Camera Object Metadata	Vehicle type
Deep Learning AI	1.0

<b>Audio</b>	
Audio Type	2-way, Built-in Microphone, Built-in Speaker, Line-in, Line-out

<b>Network</b>	
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector

<b>Detection Range</b>	
Observation Range	Detection: 31.0m Observation: 12.4m Recognition: 6.2m Identification: 3.1m






<b>Interface</b>	
Digital Input/Output	1/1
Operating Button	Reset Button

<b>General</b>	
Power Source	DC 12V, PoE (IEEE802.3af)
Power Consumption	12.95 W (PoE)
Dimensions	(Ø x H): 100mm x 68.7mm (3.9" x 2.7")
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 3 years.
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)

Operating Humidity	≤95% RH, non-condensing
Surge Protection	4KV
Color	White
Material	Plastic
Warranty	2 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

## Related Products

### Mounting Accessories - Camera Mount


PMAX-0128		Pendant Mount (for Z5x, Z724, Z85, Z86, Z87, Z810, Z972, Q550)
PMAX-0134		Extension Tube, 200 mm (for Z5x, Z724, Z85, Z86, Z87, Z810, Z972, Q550)
PMAX-0366		Wall Mount with Built-in Junction Box (for Z9x, Z724, Z77, Z8x, Z972, A7X, Q550)
PMAX-0409		Corner Mount (for A7x, Z714, Z724, Z8x, Z9x, Z972, Q550, K3x, K5x, K7x)
PMAX-0736		Junction Box (for Z724, Z81, Z82, Z85, Z86, Z87, Z812, Z813, Z814, Z914, Z972, Q550)

**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-0013		Power Adapter AC 100~240V (EU), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
PPBX-0014		Power Adapter AC 100~240V (UK), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
PPBX-0026		Power Adapter AC 100~240V (US), for A3x, A4x, A7x, A88, A9x, Z3x, Z4x, Z7x, Z8x, Z9x
PPBX-0034		Power Adapter AC 100~240V (US) for A3x, A4x, A7x, A88, A9x, Z3x, Z4x, Z7x, Z8x, Z9x, Q550

### Power Supply Accessories - PoE Injector

PPOE-0107		High PoE Injector IEEE 802.3at compliant, AC 100~240V, with universal connectors (for A416, A418, B913, B923, B934, Q450, Q75, VMGB-60X, Z37, Z71, Z952)
-----------	---	--

### Network & Storage Peripherals - Data Switch

PPSW-0102		PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)
PPSW-0108		8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 120W)

PPSW-0109		8-Port 802.3at Smart Managed PoE Switch (PoE Budget 120W)
PPSW-1101		PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W)
PPSW-1107		24-port 10/100/1000Mbps PoE, Smart Managed Gigabit Ethernet PoE Switch
PPSW-2105		4-Port 802.3at Smart Managed Gigabit PoE Switch
PPSW-3101		16-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 240W)
PPSW-3103		16-Port 802.3at PoE Switch (PoE Budget 250W)
PPSW-3104		16-Port 802.3at Smart Managed PoE Switch (PoE Budget 250W)
PPSW-3402		16-Port 10/100/1000T 802.3bt PoE + 8-Port 10/100/1000T + 4-Port 10G SFP+ Managed Ethernet Switch
PPSW-4205		24-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch (PoE Budget 300W)