

# Z714

## 8MP Outdoor Mini Dome with D/N, Adaptive IR, Superior WDR, SLLS, Fixed Lens



- 8 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f2.8mm/F1.6
- Superior WDR
- H.265 Compression
- Wide Angle
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Mini Dome
Maximum Resolution	8MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.7 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.005 lux at F1.6 (AGC on); B/W: 0 (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 1 (850 nm)
IR Working Distance	40m
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	56 dB

#### Lens

Focal Length	Fixed focal, f2.8mm
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Aperture	F1.6
Iris	Fixed iris
Focus	Fixed focus
Horizontal Viewing Angle	99°
Vertical Viewing Angle	55.3°
Viewing Angle Adjustment	Pan: 8°-360°, Tilt: 0°-68°, Rotation: 10°-360°

## Video

Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	20 fps at 3840 x 2160 30 fps at 3072 x 1728 30 fps at 2560 x 1440 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
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	White Balance, Backlight compensation (BLC), Strong Light Suppression, Brightness, Contrast, Saturation, Sharpness, Automatic gain control, Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Tampering Detection, Intrusion Detection (Forbidden Area Detection)
Image Orientation	Flip, Mirror, Rotation (Corridor mode) (90°, 180°, 270°)

## Audio

Audio Type	1-way, Built-in Microphone
Audio Compression	G.711

## Network

Network Protocol & Service	IPv4, TCP, UDP, DHCP, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, SNMP, SSL, TLS 1.2
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector
Security	IP address filtering, HTTPS encryption, Password protected user level

## Event

Event Trigger	Video motion detection (4 regions), Sound detection, Tampering detection,
Event Response	E-mail notification with snapshots, Upload snapshot to FTP server, Save video or snapshot to local storage

## System

System Log	Support
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## Integration

Edge Recording	Support (integration with NVR by ONVIF Profile G)
ONVIF Compliant	Yes, Profile S, Profile G, Profile T
Web Browser	IE 11, Google Chrome, Microsoft Edge, Firefox

**Interface**

Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only)
Operating Button	Reset Button

**General**

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	4.5 W (PoE)
Dimensions	(Ø x H): 109mm x 83mm (4.3" x 3.3")
Environmental Casing	Weatherproof (IP68), Vandal proof (IK10)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	≤95% RH
Approvals	CE Class B, FCC Class B, IP68, IK10
Color	White
Real-time Clock (RTC)	No
Warranty	2 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

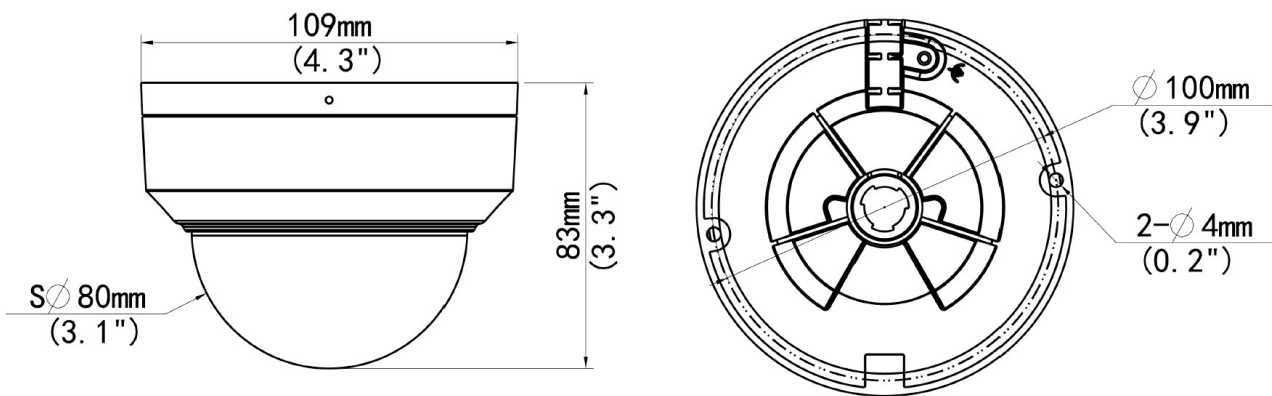
\* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

### ► Photo Indication



- 1 Reset Button
- 2 Memory Card Slot
- 3 DC 12V Power Input
- 4 Ethernet Port














### ► Dimension Diagram



Unit: mm [inch]

## ▶ Related Products

### Mounting Accessories - Camera Mount

PMAX-0111		Straight Tube (for D5x, D9x, E5x, E9x, E9xx/M)
PMAX-0112		Extension Tube (for D5x, D9x, E5x, E9x, E9xx/M)
PMAX-0122		Straight Tube (for A71, A88, A9x,)
PMAX-0123		Extension Tube (for A71, A88, A9x,)
PMAX-0318		Wall Mount (for A88, A92, A94, A96, Z91, Z94, Z95, Z77, Z710, A61, A62, A71)
PMAX-0323		Wall Mount with Built-in Junction Box (for Z91, Z94, Z95, Z77, Z81, Z82, Z85, Z86)
PMAX-0506		Pole Mount (for A31, A4x, E78, E9x, E9xx), supports 2" to 3" Poles
PMAX-0527		Pole Mount (for Z4x, Z710, Z8x, Z9x, A7x), supports 2.64" to 5" Poles
PMAX-0532		Pole Mount (Z710, Z8x, Z9x, A7x), supports 2.6" to 5" Poles
PMAX-0712		Junction box (for Z91, Z92, Z94, Z95, Z77)
PMAX-0816		Converter Ring, 1.0" NPT for Third-Party Mounting Accessories, White
PMAX-0820		Gang Box Converter (for A71, A74, Z91, Z94, Z95), supports 4" Round and 4" Octagon Boxes
PMAX-1402		Mount Kit (for A91, A92, Z91, A61, A62, A71)

**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-0012		Power Adapter AC 100~240V (US), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
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

### Power Supply Accessories - PoE Injector

PPOE-0002



PoE Injector IEEE 802.3af compliant, AC 100~240V, with universal connectors