

# INDOOR/OUTDOOR H.265 4K IP Camera



## Z3Dome-4K

- 360° Camera Dome
- 4K IP video streaming with H.265 & H.264
- Multiple Output IP Streams
- 30x zoom using Sony's patented Super Resolution Zoom
- Stream 4K and HD resolutions
- Power over Ethernet (PoE)
- Supports Sony VISCA™ camera control over IP and ONVIF® Profile S/T

*NEVER BEFORE HAS STREAMING 4K BEEN SO SIMPLE AND COST-EFFECTIVE*

The Z3Dome-4K™ H.265 IP camera provides 4K Ultra-HD video streaming over Gigabit Ethernet networks. The Z3Dome-4K combines video compression expertise from Z3 Technology with Sony's proven 4K camera technology to provide the highest quality image at the lowest bandwidth, latency and power. This robust system brings clarity and detail to high movement and low light conditions featuring 30x zoom with integrated auto focus. Video with this clarity is a perfect fit for virtual reality imaging, high detail data analytics, broadcast, medical, surveillance and more! Upgrade to 4K and expand your reach with the Z3Dome-4K.

### APPLICATIONS

Broadcast  
Industrial  
Security and Surveillance  
Corporate

### Details

Camera Features	<ul style="list-style-type: none"> <li>• 30x optical zoom in 2160p30 mode using Sony's Super Resolution Zoom</li> <li>• 40x optical zoom in 1080p30 mode using Sony's Super Resolution Zoom</li> <li>• Double-layer full metal housing</li> <li>• High speed dome, high quality stepping motor</li> <li>• Image Stabilization</li> <li>• High quality HD transparent shield, ensure image quality is clear and not deformed</li> <li>• IP66 dust and water resistant, works in a variety of environments</li> <li>• Innovative internal routing mode to eliminate line rotation wear and tear</li> <li>• Protected against instantaneous surges up to 6,000 volts</li> </ul>
Streaming Features	<ul style="list-style-type: none"> <li>• H.265, H.264 or MJPEG encoded video over IP with no additional equipment</li> <li>• Supports 4K UHD and HD resolutions up to 30 fps (2160p, 1080p, 720p, and lower)</li> <li>• Outputs RTP, RTSP, MPEG-2 TS or RTMP</li> <li>• Simultaneously stream and/or record in multiple resolutions and bitrates</li> <li>• Supports unicast and multicast streaming</li> <li>• Compatible with Wowza Streaming Engine™ and YouTube Live*</li> </ul>
Control	<ul style="list-style-type: none"> <li>• Z3 web interface for Control and configuration</li> <li>• Live Video Preview in Web Interface</li> <li>• Supports ONVIF® Profile S/T</li> <li>• Pelco-D PTZ control</li> </ul>
Recording	<ul style="list-style-type: none"> <li>• Web GUI recording</li> </ul>
Decoder Options	<ul style="list-style-type: none"> <li>• Compatible with ZEUS® HE265-DEC decoder (also available from Z3 Technology)</li> <li>• PC decoding</li> </ul>



\*in H.264 mode only

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## Specifications

Interfaces	Gigabit Ethernet, and Composite Output
Power	PoE or 12V/4A
Power Consumption	Less than 20W
Temperature & Humidity	<i>Operating:</i> -10° to 60° C (peak) at <90% Relative Humidity
Mount	Wall mounting or lifting
Dimensions (L x W x H)	216 x 216 x 300.5 mm (8.5 x 8.5 x 11.83 in)
Weight	2785.06 g (6 lb 14oz)
Package Contents	Z3Dome-4K camera, Mount, and 12V Power Supply

## PTZ Controls

Horizontal Range	0° -360° continuously
Vertical Range	-5° -90°
Horizontal/Vertical Speed	0.05° -300° /s
Max Speed	300° /s
Preset	265

## 4K IP STREAMING

**Z3Dome-4K™**  
H.265/HEVC 4K  
Encoding & IP  
Streaming



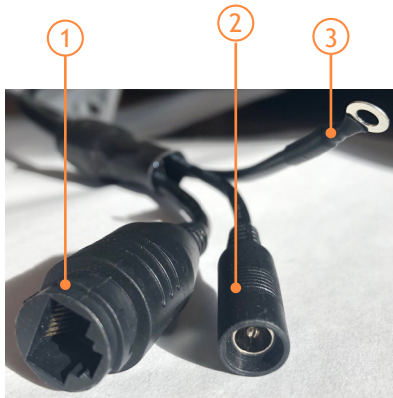
Ethernet →

**ZEUS® HE265-DEC**  
2160p30 H.265 Decoder

HDMI →



## OPERATING CONTROLS



- ① GigE with PoE Support
- ② 12V Power
- ③ Ground

### ORDERING OPTIONS

**Z3Dome-4K™**  
*Complete Solution*

- 4K IP Camera
- Power Supply
- Documentation

**\*\*Contact Z3 Technology for Customized Product Options**  
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