

IP66 OUTDOOR H.265 4K Camera Dome



Z3Dome-4K

- 360° Camera Dome
- 4K and HD IP video streaming with H.265 & H.264
- Multiple Output IP Streams
- Power over Ethernet (PoE)
- Supports Sony VISCA™ camera control over IP

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.

APPLICATIONS

Broadcast

Industrial

Security and Surveillance

Details

Camera Features

- 30x optical zoom in 2160p30 mode using Sony's Super Resolution Zoom
- 40x optical zoom in 1080p30 mode using Sony's Super Resolution Zoom
- Double-layer full metal housing
- High speed dome, high quality stepping motor
- Image Stabilization
- Cropping to the Aspect Ratio
- High quality HD transparent shield, ensure image quality is clear and not deformed
- IP66 dust and water resistant, works in a variety of environments
- Innovative internal routing mode to eliminate line rotation wear and tear
- Protected against instantaneous surges up to 6,000 volts

Streaming Features

- H.265, H.264 or MJPEG encoded video over IP
- Supports 4K UHD and HD resolutions up to 30 fps (2160p, 1080p, 720p, and lower)
- Outputs RTSP, RTP, TSRTSP, MPEG-2 TS, SRT, RTMP, or RTMPS
- RTSP Authentication
- SRT Forward Error Correction
- Timestamp support through overlay or SEI data, and multiple line text overlay
- Simultaneously stream and/or record in multiple resolutions and bitrates
- Supports unicast and multicast streaming
- Compatible with Wowza Streaming Engine™ and YouTube Live*



Control

- Z3 web interface for control and configuration
- Live video preview in web interface
- Secure by Default, multiple user access levels
- Schedule recording, snapshots, and PTZ presets
- ONVIF® Profile S/T Compliant
- Pelco-D PTZ control



Decoder Options

- Compatible with ZEUS® DMD-4K decoder (also available from Z3 Technology)
- PC decoding or ONVIF® Profile S/T Video Management System

*in H.264 mode only

Specifications

Interfaces	Gigabit Ethernet, and Composite Output
Power	PoE 802.3af 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	2785.06g (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



OPERATING CONTROLS



- ① 12V power out
- ② Composite Video Output
- ③ 12V Power input
- ④ Ethernet with PoE Support

ORDERING OPTIONS

Z3Dome-4K™
Complete Solution

- 4K IP Camera
- Power Supply
- Documentation

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