Z3Cam·4K™
EXPAND YOUR REACH
H.265 4K IP Camera
Model: 4K60

- Real-Time 4K Video Streaming at 60fps
- 30x zoom using Sony's patented Stable Zoom
- Stream 4K and HD simultaneously
- Power over Ethernet (PoE)
- Supports Sony VISCA™ camera control over IP and ONVIF® Profile S & T

The Z3Cam-4K model 4K60 IP Camera offers full resolution streaming with Sony's FCB-ER9500 block camera. With 25x Optical Zoom, Wide Dynamic Range, Image Stabilization and Superior Low Light Performance the Z3Cam-4K camera delivers immaculate focus at UHD Resolutions. Controls are seamlessly integrated into Z3 Technology's easy-to-use Web User Interface. This flexible IP Camera allows you to send video and metadata in the stream, turn on video overlay capabilities and connect to a NTP server.

APPLICATIONS

Broadcast

Industrial

Medical

Security and Surveillance

Unmanned

Details

Camera Features	• 30x optical zoom in 2160p60 mode using Sony's Stable Zoom • Noise reduction algorithm for high frequency and high detail areas • Wide Dynamic Range, 130 db • High sensitivity in Day and Night • Super Image Stabilizer • Flare Reduction with 7 Blade Iris • Vibrant Low Light Imaging with ICR on Color • Leverages Sony's FCB-ER9500 4K camera module
Streaming Features	• H.265 or H.264 encoded video over IP with no additional equipment and no distance limitations • Supports 4K UHD and HD resolutions up to 60 fps (2160p, 1080p, 720p, and lower) • Outputs RTP, RTSP, MPEG-2 TS, RTMPS, or SRT • Simultaneously stream and/or record in multiple resolutions and bitrates • Multi-line text overlay • Supports unicast and multicast streaming • Compatible with Wowza Streaming Engine™ and YouTube Live*
Control	• Z3 web interface for control and configuration • Pass Sony VISCA™ Camera Control over IP • Supports ONVIF® Profile S & T • Pelco-D PTZ control
Recording	• Compressed USB or NFS recording
Decoder Options	• Compatible with ZEUS® DMD-4K decoder (also available from Z3 Technology) • PC decoding

*in H.264 mode only

Z3Cam·4K™
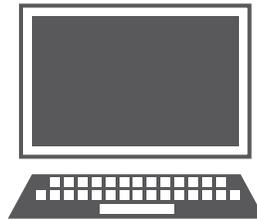
Specifications

Interfaces	Gigabit Ethernet, USB 3.1, Audio Input and Composite Output, RS-232, Serial I/O (RS-485, RS-422, and RS-232)
Power	12V DC or PoE 802.af/at class 0
Power Consumption	13W typical while encoding H.265/HEVC video
Temperature & Humidity	*Operating:* -5 to 50 ˚C at 20-80% Relative Humidity *Storage:*-10 to 60 ˚C at 20-80% Relative Humidity
Mount	1/4 20 UNC tripod screw hole on bottom of unit
Dimensions (L x W x H)	164 x 61 x 62 mm (6.5 x 2.4 x 2.4 in)
Weight	829 g (1.83 lb)
Package Contents	Z3Cam-4K60 camera and 12V Power Supply

4K IP STREAMING

Z3CAM-4K60™

H.265/HEVC 4K Encoding & IP Streaming

Ethernet →

2160p60 H.265/HEVC PC Decoder

HDMI →

4K

2160p60

Z3CAM-4K60™

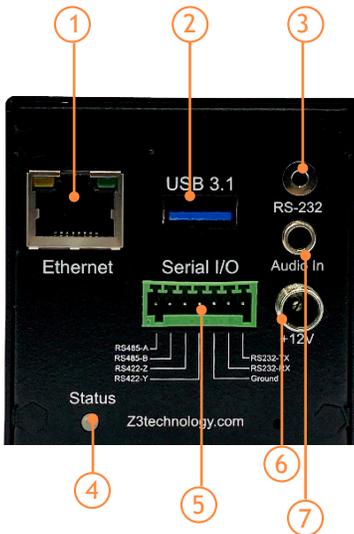H.265/H.264 4K Encoding & IP Streaming

Ethernet →

ZEUS® DMD-4K
2160p60 H.265 Decoder

HDMI →

4K

2160p60

OPERATING CONTROLS

1. GbE w/ POE Support
2. USB 3.1
3. RS-232 Serial
4. Status LED
5. RS-485/RS-422/RS-232*
6. 12V DC Power
7. Audio Input

*RS-485 Serial is for advanced users

ORDERING OPTIONS

Z3Cam-4K60™
Complete Solution

- 4K IP Camera
- Power Supply
- Serial Cable
- Documentation

Contact Z³ Technology for Customized Product Options
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