

Z3Cam·4M

EXPAND YOUR REACH
H.265 4K IP Camera

Model: Z9500



- Sony FCB-EW9500H Camera Imaging
- H.265 or H.264 Video Streaming
- 30x Sony Enhanced Optical Zoom
- Wide Dynamic Range and Image Stabilization
- Stream 4K and HD Resolutions
- ONVIF® Profile S/T Compliant
- Low Power IP Camera

APPLICATIONS

Broadcast
Medical
Surveillance
Unmanned

The Z3Cam-4M combines 4K video compression expertise from Z3 Technology with Sony's proven camera technology to provide the highest quality image at the lowest bandwidth, latency and power. A 7-pin Serial IO enables PTZ control and offers connection for GPS overlay and a wide range of accessory integration. This NDAA compliant Z3Cam-4M is the ideal IP Camera for surveillance, security, inspection, and other applications requiring TAA compliance. Sony's combined feature set of Wide Dynamic Range, ICR on Color for colorful low light performance, and image stabilization are readily available with the Z3Cam-4M.



Details

Camera Features	<ul style="list-style-type: none">• 30x Sony Enhanced Optical Zoom at 4K• 40x Sony Enhanced Optical Zoom at 1080p• Wide Dynamic Range, 130 db• High sensitivity in Day and Night• Flare Reduction with 7 Blade Iris• Super Image Stabilizer• Defog and Noise Reduciton• Vibrant Low Light Imaging with ICR on Color
Streaming Features	<ul style="list-style-type: none">• H.265, H.264 or MJPEG• Supports 4K UHD and HD resolutions up to 30 fps (2160p, 1080p, 720p, and lower)• Outputs RTP, RTSP, MPEG-2 TS, RTMPS, or SRT• Simultaneously stream and record• Multi-line text overlay• Supports unicast and multicast streaming• Compatible with Wowza Streaming Engine™ and YouTube Live
Control	<ul style="list-style-type: none">• Z3 web interface for Control camera and streaming features• Pass Sony VISCA™ Camera Control Commands over IP• Supports ONVIF® Profile S & T• Pelco-D PTZ control
Recording	<ul style="list-style-type: none">• Compressed USB or NFS recording
Decoder Options	<ul style="list-style-type: none">• Compatible with ZEUS® SME-01 and DMD-4K decoder (also available from Z3 Technology)• PC decoding / ONVIF



Specifications

Interfaces	Gigabit Ethernet, USB 3.1, Audio Input, 7 pin Phoenix Connector and RS-232	
Power	PoE or 12V DC	
Power Consumption	9w 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)	165 x 65 x 70 mm (6.5 x 2.56 x 2.76 in)	
Weight	807 g (1.78 lb)	
Package Contents	Z3Cam-4M camera, 12V Power Supply and Serial Cable	

4K IP STREAMING

Z3Cam-4M™
H.2645 4K Encoding
& IP Streaming



Ethernet



ZEUS® DMD-4K
2160p30 H.265 Decoder

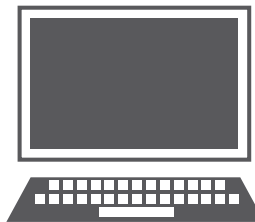
HDMI



Z3Cam-4M™
H.264 4K
Encoding & IP
Streaming



Ethernet

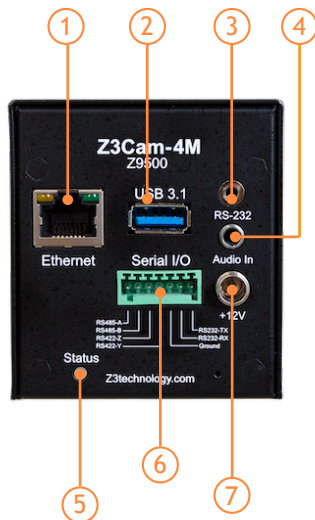


2160p30 H.265/HEVC PC Decoder

HDMI



OPERATING CONTROLS



- ① GigE and PoE Support
- ② USB 3.1
- ③ RS-232
- ④ Audio Input
- ⑤ Status LED
- ⑥ RS-485 / RS-422 / RS-232
- ⑦ 12V DC Power

ORDERING OPTIONS

Z3Cam-4M™
Model: Z9500
Complete Solution

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

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