

Z3Cam.4K™ EXPAND YOUR REACH

H.265 4K IP Camera

Model: Z8300



- Real-Time 4K Video Streaming
- 20x 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

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

The Z3Cam-4K™ H.265 IP camera provides 4K Ultra-HD video streaming over Gigabit Ethernet networks. The Z3Cam-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 20x 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 Z3Cam-4K.

APPLICATIONS

- Broadcast
- Industrial
- Medical
- Security and Surveillance
- Corporate



Details

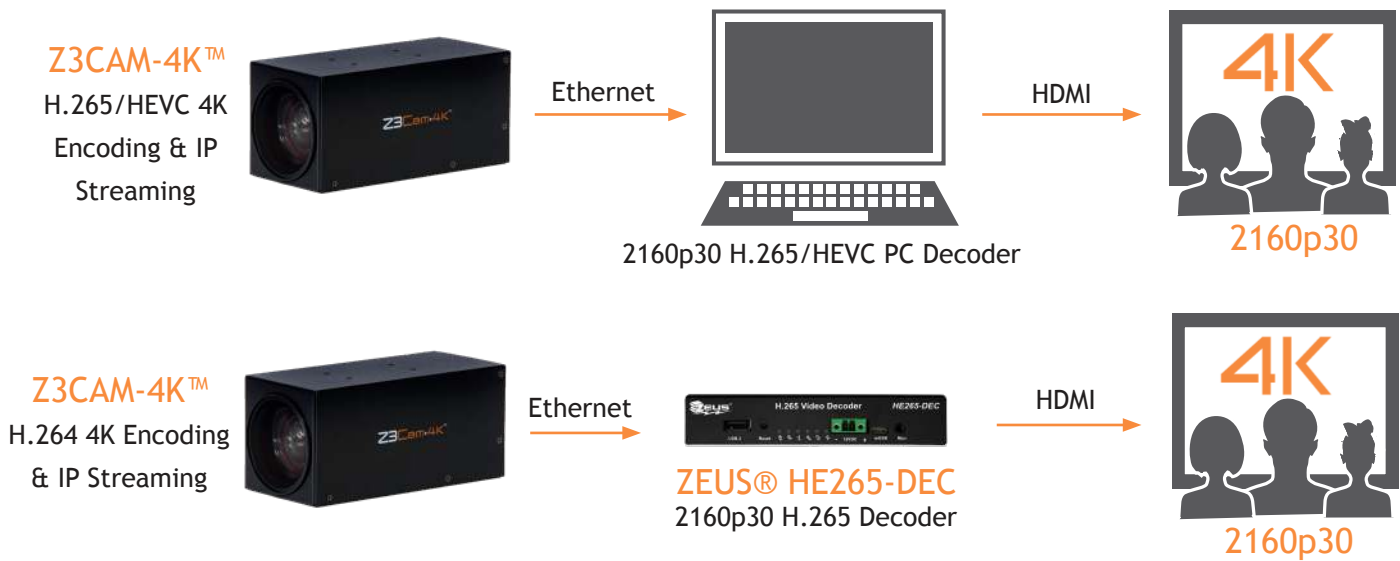
Camera Features	<ul style="list-style-type: none"> • 20x zoom using Sony Super Resolution Zoom feature, 12x optical • Noise reduction algorithm for high frequency and high detail areas • Visibility enhancer ICR (Day and Night) • High sensitivity image processor • Easily mount to tripod or mounting bracket • Leverages Sony’s FCB-ER8300 4K camera module
Streaming Features	<ul style="list-style-type: none"> • H.265, H.264 or MJPEG encoded video over IP with no additional equipment and no distance limitations • Supports 4K UHD and HD resolutions up to 30 fps (2160p, 1080p, 720p, and lower) • Outputs RTP, RTSP, MPEG-2 TS or RTMP* • Simultaneously stream and/or record in multiple resolutions and bitrates • Supports unicast and multicast streaming • Compatible with Wowza Streaming Engine™* and YouTube Live*
Control	<ul style="list-style-type: none"> • IP Control and Configuration • Z3 web interface • Pass Sony VISCA™ Camera Control Commands over IP • Supports ONVIF® Profile S with Media Services 2.0
Recording	Compressed USB recording
Decoder Options	Compatible with ZEUS® HE265-DEC decoder (also available from Z3 Technology) PC decoding



Specifications

Interfaces	Gigabit Ethernet, USB 2.0, Audio Input and Composite Output	
Power	PoE or 12V DC	
Power Consumption	7.5W 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)	144 x 64 x 66 mm (5.6 x 2.5 x 2.6 in)	
Weight	818 g (1.8 lb)	
Package Contents	Z3Cam-4K camera and 12V Power Supply	
Additional Components	Add a wifi USB dongle for wireless connectivity**	

4K IP STREAMING



OPERATING CONTROLS



- ① RS-232 Serial
- ② USB 2.0
- ③ Audio Input
- ④ GigE with PoE Support
- ⑤ Status LED
- ⑥ Composite Output
- ⑦ 12V DC Power

ORDERING OPTIONS

Z3Cam-4K™
Model: Z8300
Complete Solution

- 4K IP Camera
- Power Supply
- Documentation

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