

# Z3Cam·4K™ EXPAND YOUR REACH

## H.265 4K IP Camera

Model: Z8550



- Real-Time 4K Video Streaming
- 30x zoom using Sony's patented Super Resolution Zoom
- External Synchronization
- 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 External Sync and 30x zoom with integrated auto focus. 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"> <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>• Genlock multiple cameras with External Sync</li> <li>• Noise reduction algorithm for high frequency and high detail areas</li> <li>• Visibility enhancer ICR (Day and Night)</li> <li>• High sensitivity image processor</li> <li>• Easily mount to tripod or mounting bracket</li> <li>• Leverages Sony's FCB-ER8550 4K camera module</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 and no distance limitations</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>• Pass Sony VISCA™ Camera Control Commands over IP</li> <li>• Pelco-D PTZ control</li> <li>• Supports ONVIF® Profile S</li> </ul>
Recording	Compressed USB recording
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

sales@Z3technology.com

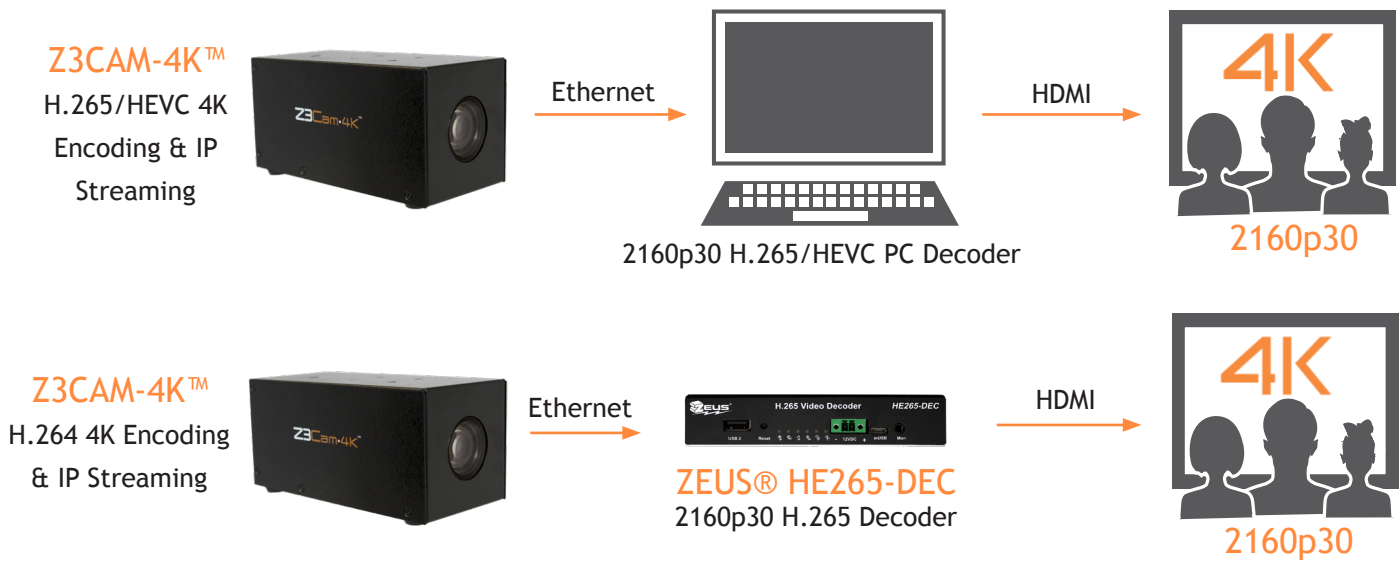
+1.402.323.0702

www.Z3technology.com

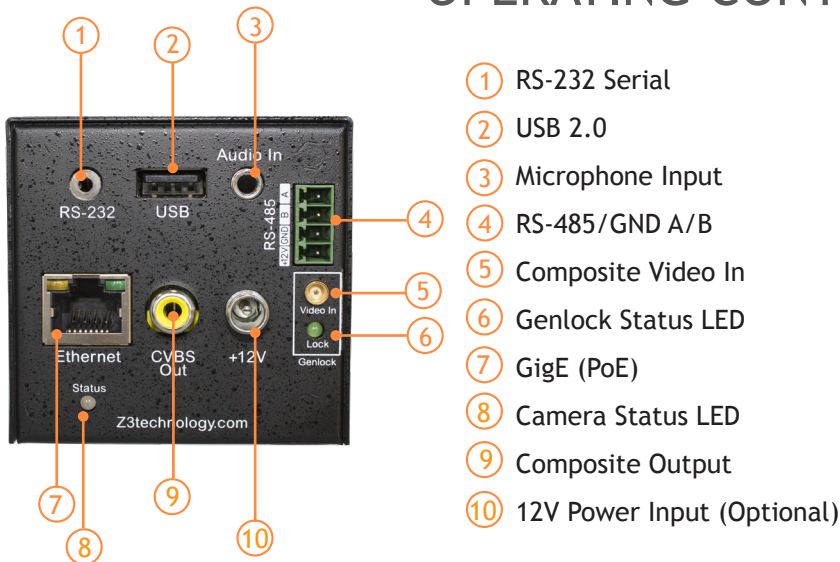
## Specifications

Interfaces	Gigabit Ethernet, USB 2.0, Audio Input, Composite Output, MMCX Composite Input*, and RS-485 Input	
Power	PoE or 12V DC	
Power Consumption	7.5W typical while encoding H.265/HEVC video	
Temperature & Humidity	<i>Operating:</i> -5 to 50 °C at 20-80% Relative Humidity	<i>Storage:</i> -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)	130 x 63 x 63 mm (5.1 x 2.5 x 2.5 in)	
Weight	699 g (1.5 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



## ORDERING OPTIONS

**Z3Cam-4K™**  
Model: Z8550  
Complete Solution

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

**\*\*Contact Z3 Technology for Customized Product Options**  
sales@Z3technology.com +1.402.323.0702 www.Z3technology.com

