

Z3Cam-4K™ EXPAND YOUR REACH

H.265 4K IP Camera

Model: Z8530N



- Real-Time 4K Video Streaming
- 30x zoom using Sony's patented Super Resolution Zoom
- NDAA and TAA Compliant IP Camera
- Power over Ethernet (PoE)
- Supports Sony VISCA™ camera control over IP and ONVIF® Profile S & T

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

The Z3Cam-4K™ Z8530N 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. A 7-pin Serial IO enables PTZ control while also offering connection for GPS data overlay and a wide range of accessory items. This NDAA compliant Z3Cam-4K is the ideal IP Camera for surveillance, security, inspection, and other applications requiring TAA compliance. Upgrade to 4K with H.265 to stream high quality, low latency video on the Z3Cam-4K.

APPLICATIONS

- Broadcast
- Industrial
- Medical
- Security and Surveillance
- Unmanned



Details

Camera Features	<ul style="list-style-type: none"> • 40x optical zoom in 1080p30 mode using Sony's Super Resolution Zoom • 30x optical zoom in 2160p30 mode using Sony's Super Resolution Zoom • 20x optical zoom in 2160p30 mode • Visibility enhancer ICR (Day and Night) • High sensitivity image processor • Easily mount to tripod or mounting bracket • Sony FCB-ER8530 4K camera module
Streaming Features	<ul style="list-style-type: none"> • H.265, H.264 or MJPEG video encoding • Supports 4K UHD and HD resolutions up to 30 fps (2160p, 1080p, 720p, and lower) • Outputs RTP, RTSP, MPEG-2 TS, RTMP, RTMPS, or SRT (Caller Sender, Rendezvous, and SRT Encryption) • Simultaneously stream and/or record in multiple resolutions and bitrates • Supports unicast and multicast streaming • Compatible with Wowza Streaming Engine™, Facebook Live™, and YouTube Live*
Control	<ul style="list-style-type: none"> • Z3 web interface for control of camera and streaming features • Pass Sony VISCA™ Camera Controls over IP • Supports ONVIF® Profile S & T • Pelco-D PTZ control • Easy-to-Use HTTPS-Based Control Interface with live-video preview, API, or Serial/SSH
Recording	<ul style="list-style-type: none"> • Compressed USB recording or NFS
Decoder Options	<ul style="list-style-type: none"> • Compatible with ZEUS® DMD-4K decoder (also available from Z3 Technology) • PC decoding / ONVIF

*in H.264 mode only

Specifications

Interfaces	Gigabit Ethernet, USB 3.1, Audio Input, 7-pin Phoenix Connector, RS-232 serial I/O	
Power	PoE or 12V DC	
Power Consumption	Less than 8W typical while encoding H.265/HEVC video	
Temperature & Humidity	<i>Operating:</i> -5 to 45 °C at 20-80% Relative Non-Condensing Humidity	<i>Storage:</i> -10 to 60 °C at 20-80% Relative Non-Condensing Humidity
Mount	1/4 20 UNC tripod screw hole on bottom of unit	
Dimensions (L x W x H)	130 x 61 x 62 mm (5.1 x 2.4 x 2.4 in)	
Weight	720 g (1.59 lb)	
Package Contents	Z3Cam-4K camera, 12V Power Supply and Serial Cable	

4K IP STREAMING

Z3CAM-4K™
H.265/HEVC 4K
Encoding & IP
Streaming



Ethernet



HDMI

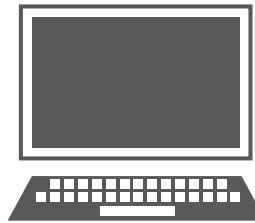


ZEUS® DMD-4K
2160p30 H.265 Decoder

Z3CAM-4K™
H.264 HD
Encoding & IP
Streaming



Ethernet

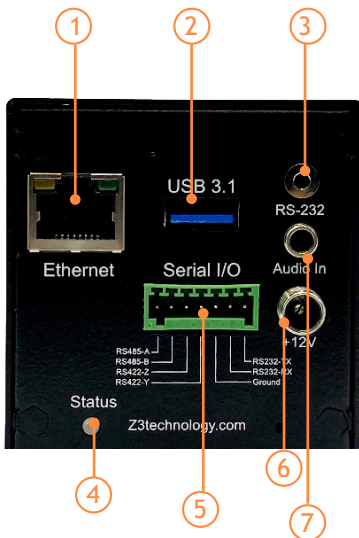


HDMI



1080p60 H.264 PC Decoder

OPERATING CONTROLS



- ① GbE and 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

ORDERING OPTIONS

- Z3Cam-4K™**
Model: Z8530N
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

