

Z3Cam-LX™ Color Video at Night!

Lowlight eXtreme
H.265 4K IP Camera



- High Sensitivity - ISO 409,600
- Real-Time 4K Video Streaming
- E-Mount interchangeable lens**
- Power over Ethernet (PoE)
- Pelco-D PTZ Control

The Z3Cam-LX™ H.265 IP camera provides 4K Ultra-HD video streaming over Gigabit Ethernet networks. This ultra high sensitive camera brings color video in almost pitch black darkness of 0.004 Lux. Through combining Z3 Technology's video encoding expertise and 4K Low Light imaging, the Z3Cam-LX is a production ready system for remote monitoring, UAV, and industrial applications. Upgrade to 4K High Sensitivity imaging and turn night into day with the Z3Cam-LX™.

APPLICATIONS

Remote Monitoring
UAV
Industrial
Corporate

Details

Camera Features

- 35mm full frame CMOS sensor
- ISO 409,600/0.004 LX
- Long Exposure and High ISO noise reduction
- High sensitivity image processor
- Easily mount to gimbal or tripod, top and bottom bracket mount
- Additional composite input for dual camera set-up with dual monitoring viewing or Picture in Picture display
- Interchangeable E-mount FE lenses**, supports electronic zoom control lens

Streaming Features

- H.265, H.264 or MJPEG encoded video over IP
- Supports 4K UHD and HD resolutions up to 29.97/25 (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

Control

- Z3 web interface for control and configuration
- Pelco-D PTZ control
- Serial and SSH control also available
- Supports ONVIF® Profile S

Recording

Compressed USB recording

Decoder Options

Compatible with ZEUS® HE265-DEC decoder (also available from Z3 Technology)
PC decoding



**Lens not included

Specifications

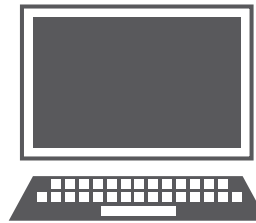
Interfaces	Gigabit Ethernet, USB 2.0, Microphone Input and Composite Output	
Power	PoE or 12V DC or 16-24 VAC	
Power Consumption	23W typical while encoding H.265/HEVC video	
Temperature & Humidity	Operating: -5 to 50 °C at 20-80% Relative Humidity	Storage: -10 to 60 °C at 20-80% Relative Humidity
Mount	1/4 20 UNC tripod screw hole on bottom of unit, Top and Bottom bracket mount	
Dimensions (L x W x H)	145 x 142 x 89 mm (5.7 x 5.6 x 3.5 in)	
Weight	1035 g (2 lb 28 oz)	
Package Contents	Z3Cam-LX camera and 12V Power Supply	
Additional Components	Add a wifi USB dongle for wireless connectivity**	

4K IP STREAMING

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



Ethernet



2160p30 H.265 PC Decoder

HDMI



2160p30

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



Ethernet



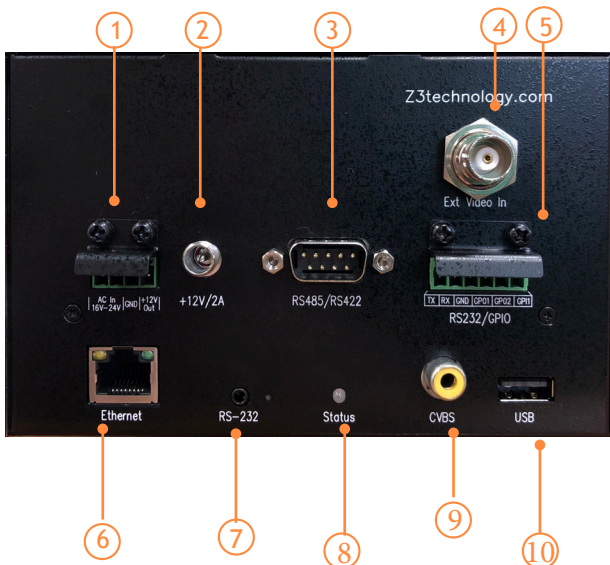
ZEUS® HE265-DEC
2160p30 H.265 Decoder

HDMI



2160p30

OPERATING CONTROLS



- ① 16V-24VAC Input
- ② 12V DC Power Input
- ③ RS485/RS422
- ④ Analog Video Input
- ⑤ RS232/GPIO
- ⑥ GigE with POE Support
- ⑦ RS-232 Serial
- ⑧ Status LED
- ⑨ Composite Output
- ⑩ USB 2.0

ORDERING OPTIONS

Z3Cam-LX™
Complete Solution

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

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