

# Z3Cam-HD™ EXPAND YOUR REACH H.265 HD IP Camera



- Real-Time HEVC/H.265 HD Video Streaming
- Full HD 30x Optical Zoom
- Power over Ethernet (PoE)
- Supports Sony VISCA™ camera control over IP and ONVIF Profile S
- Easy-to-Use HTTP-Based Control Interface

## NEVER BEFORE HAS STREAMING BEEN SO SIMPLE AND COST-EFFECTIVE

The Z3Cam-HD™ H.265 IP camera provides HD video streaming over Gigabit Ethernet. Combining video compression expertise from Z3 Technology and Sony's proven CMOS sensor technology, the Z3Cam-HD provides the highest quality image at the lowest bandwidth, latency and power. This robust system is ideally suited for low or back light applications, presenting smooth transitions from wide area coverage to detailed close-ups. Additional capabilities also available include integrated auto-focus, spherical privacy zone masking and visibility enhancer. These features make the Z3Cam-HD a perfect fit for inspection and remote monitoring applications.

## APPLICATIONS

- UAV
- Inspection
- Remote Monitoring
- Security and Surveillance
- Video Conferencing
- Drones



## Details

Camera Features	<ul style="list-style-type: none"> <li>• Full HD 30x optical zoom</li> <li>• 2D/3D noise reduction algorithm for high frequency and high detail areas</li> <li>• Visibility enhancer auto ICR (Day and Night)</li> <li>• High sensitivity image processor</li> <li>• Spherical privacy zone masking</li> <li>• Leverages Sony's FCB-EV7520 HD camera block</li> </ul>
Streaming Features	<ul style="list-style-type: none"> <li>• H.265, H.264 or MJPEG encoded video over IP with no distance limitations</li> <li>• Supports HD resolutions up to 60 fps (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>• IP control and configuration</li> <li>• HTTP-based control Interface</li> <li>• Pass Sony VISCA™ camera control commands over IP</li> <li>• Supports ONVIF® Profile S with Media Services 2.0</li> </ul>
Recording	Compressed USB recording
Decoder Options	Compatible with ZEUS® decoders* (also available from Z3 Technology) PC decoding

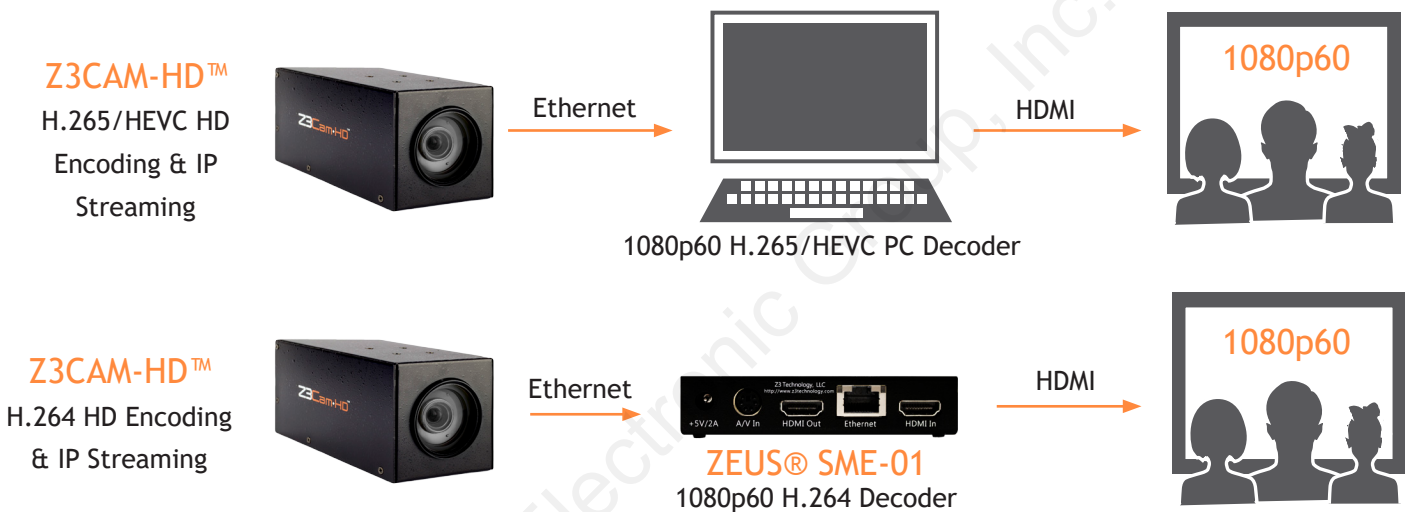


\*In H.264 mode only

## Specifications

Interfaces	Gigabit Ethernet, USB 2.0, Micro-HDMI Output, Audio Input and Composite Output
Supported Resolutions	60, 59.94, 50, 30, 29.97, 25 @1080p and 720p
Power	PoE or 12V DC
Power Consumption	7.5W typical while encoding H.265/HEVC video
Mount	1/4 20 UNC tripod screw hole on bottom of unit
Dimensions (L x W x H)	128 x 62 x 62 mm (5.0 x 2.4 x 2.4 in)
Weight	650 g (1.4 lbs)
Package Contents	Z3Cam-HD camera and 12V Power Supply
Additional Components	Add a wifi USB dongle for wireless connectivity**

## HD IP STREAMING



## OPERATING CONTROLS



## ORDERING OPTIONS

**Z3Cam-HD™**  
*Complete Solution*

- HD IP Camera
- Power Supply
- Documentation

**HE2K-DCK-RPS**  
*OEM Development Kit Available*