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 & T
- 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

ONVIF® | **S** **T**

Details

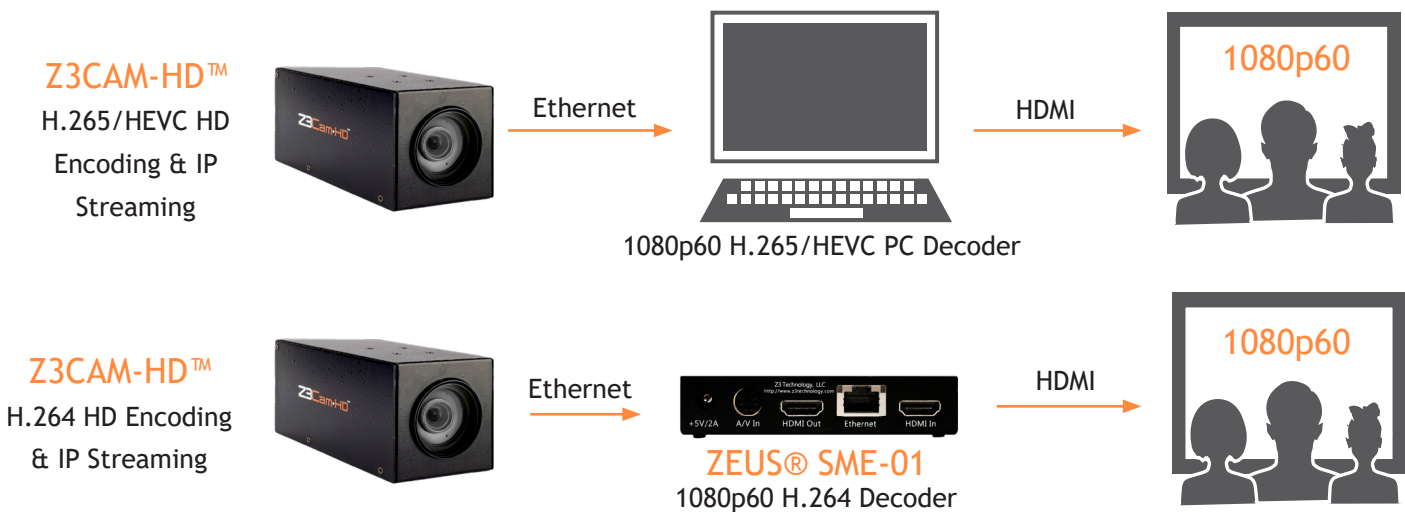|	
Camera Features	• Full HD 30x optical zoom • 2D/3D noise reduction algorithm for high frequency and high detail areas • Visibility enhancer auto ICR (Day and Night) • High sensitivity image processor • Spherical privacy zone masking • Leverages Sony's FCB-EV7520 HD camera block
Streaming Features	• H.265, H.264 or MJPEG encoded video over IP with no distance limitations • Supports HD resolutions up to 60 fps (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	• IP control and configuration • HTTP-based control Interface • Pass Sony VISCA™ camera control commands over IP • Supports ONVIF® Profile S & T with Media Services 2.0
Recording	Compressed USB recording
Decoder Options	Compatible with ZEUS® decoders* (also available from Z3 Technology) PC decoding

In H.264 mode only

---

sales@Z3technology.com   +1.402.323.0702   www.Z3technology.com

Z3Cam·HD™

Specifications

Interfaces	Gigabit Ethernet, USB 2.0, Micro-HDMI Passthrough, 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

Z3CAM-HD™

H.265/HEVC HD Encoding & IP Streaming

Ethernet → 1080p60 H.265/HEVC PC Decoder → HDMI → 1080p60

Z3CAM-HD™

H.264 HD Encoding & IP Streaming

Ethernet → ZEUS® SME-01 1080p60 H.264 Decoder → HDMI → 1080p60

OPERATING CONTROLS

Side View

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
8. Micro-HDMI Output

ORDERING OPTIONS

Z3Cam-HD™
Complete Solution
- HD IP Camera
- Power Supply
- Documentation

HE2K-DCK-RPS
OEM Development Kit Available

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