



- Real-Time HEVC/H.265 HD Video Streaming
- Full HD 30x Optical 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 BEEN SO SIMPLE AND COST-EFFECTIVE

The Z3Cam-HD™ Z9520 H.265 IP camera provides HD video streaming over Gigabit Ethernet networks. Combining video compression expertise from Z3 Technology with Sony's proven CMOS sensor technology, the Z3Cam-HD provides the highest quality image at the lowest bandwidth, latency and power. A 7-pin Serial IO enables PTZ control and offers connection for GPS data overlay and a wide range of accessory items. This NDAA compliant Z3Cam-HD is the ideal IP Camera for surveillance, security, inspection, and other applications requiring TAA compliance. Sony's combined feature set of Wide Dynamic Range, ICR on Color for colorful low light performance, and super image stabilization is readily available with the Z3Cam-HD.

APPLICATIONS

UAV

Inspection

Remote Monitoring

Security and Surveillance

Aerospace

Unmanned



Details

Camera Features	<ul style="list-style-type: none"> • Full HD 30x optical zoom • Super and Super+ Image Stabilization • 2D/3D noise reduction algorithm for high frequency and high detail areas • Wide Dynamic Range and Visibility enhancer auto ICR (Day and Night) • High sensitivity image processor for low-light environments • Spherical privacy zone masking and ROI support • Leverages Sony's FCB-EV9520L HD camera block
Streaming Features	<ul style="list-style-type: none"> • 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, RTMP*, RTMPS, or STR (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 previfew, API, or Serial/SSH
Recording	Compressed USB recording or NFS
Decoder Options	Compatible with ZEUS® SME-01 and DMD-4K decoders (also available from Z3 Technology) PC decoding / ONVIF

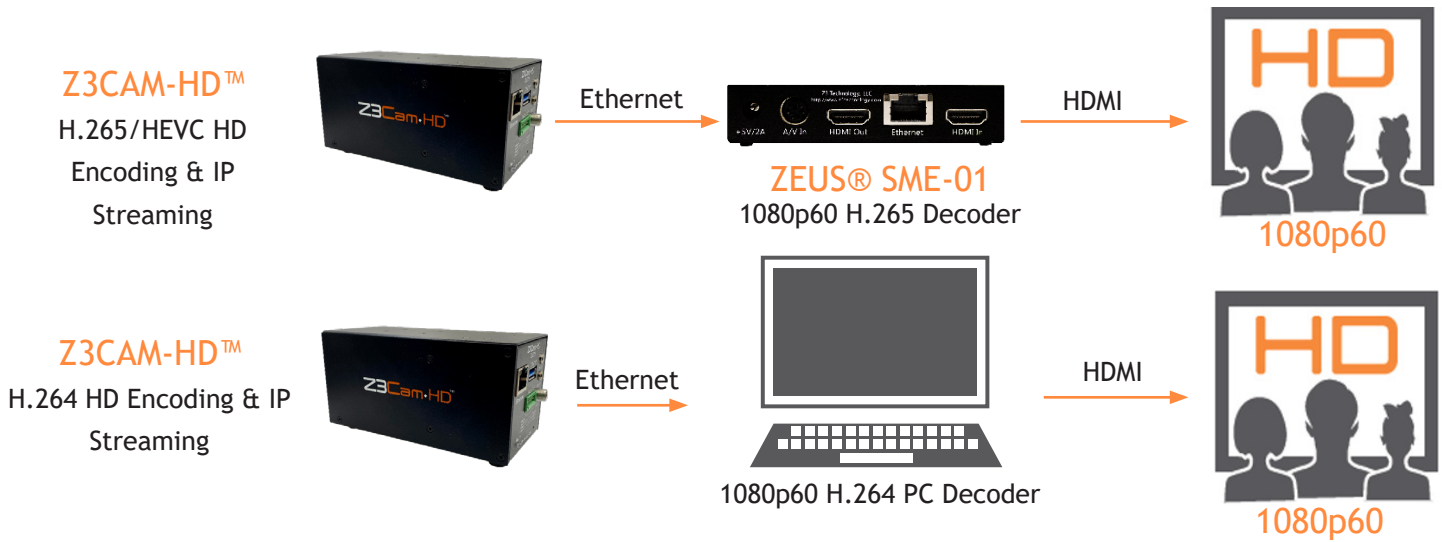


*In H.264 mode only

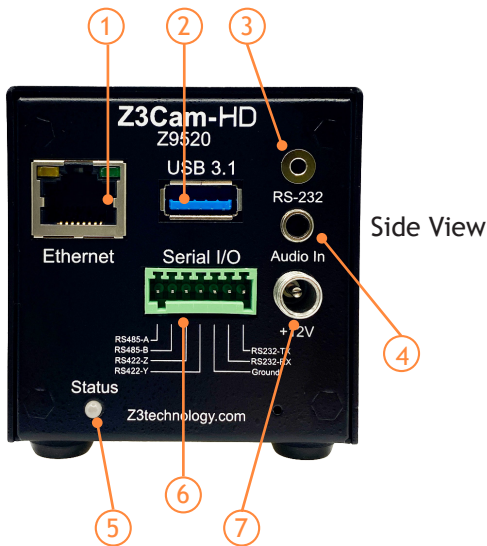
Specifications

Interfaces	Gigabit Ethernet, USB 3.1, Audio Input, 7-pin Phoenix connector, RS-232 serial IO	
Supported Resolutions	1080p and 720p @ 60, 59.94, 50, 30, 29.97, 25fps	
Power	PoE or 12V DC	
Power Consumption	Less than 8W typical while encoding H.265/HEVC video	
Mount	1/4 20 UNC tripod screw hole on bottom of unit	
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
Dimensions (L x W x H)	132 x 61 x 61 mm (5.2 x 2.4 x 2.4 in)	
Weight	698 g (1.5 lb)	
Package Contents	Z3Cam-HD camera, 12V Power Supply and Serial Cable	

HD IP STREAMING



OPERATING CONTROLS



- ① GbE and PoE Support
- ② USB 3.1
- ③ RS-232 Serial I/O
- ④ Audio In
- ⑤ Status LED
- ⑥ RS-485, RS-422, RS-232
- ⑦ 12V DC Power

ORDERING OPTIONS

- Z3Cam-HD™**
Model: Z9520
Complete Solution
- HD IP Camera
 - Power Supply
 - Serial Cable
 - Documentation

Contact Z³ Technology for Customized Product Options
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