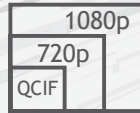




RTMP STREAMING



1080p60 VIDEO ENCODING



COMPACT DESIGN



EASY-TO-USE CONTROLS

### VIDEO ENCODING

Interfaces	2x Component Inputs 2x Composite Inputs 2x HDMI Inputs 1x GigE
Supported Resolutions	H.264 BP, MP and HP up to 1080p60, Dual Channel Encoding up to 2x1080i
Video Codecs	H.264
Standard Definition	ISDB-T, DVB-H and others*
Output Formats	MPEG-2 TS, RTP, RTMP, RTSP, and TS File
Video Frame Rates (SD)	25i, 29.97i and 30i
Video Frame Rates (HD)	24p, 25p, 30p, 50p, 59.94i, 60i and 60p
Features	<ul style="list-style-type: none"> <li>•RTMP Enables MPEG-DASH Transcoding with Wowza Streaming Engine™</li> <li>•Supports Unicast and Multicast</li> <li>•Supports One Source into Multiple Resolutions and Bitrates</li> <li>•Seamless Bitrate and Frame Rate Changes</li> </ul>

### AUDIO ENCODING

Interfaces	Analog Jacks and Embedded HDMI
Audio Codecs	AAC-LC ADTS and AAC-HE ADTS
Optional Audio Codecs*	AAC-LC LATM, AAC-HE LATM, AAC-HE V2, G.711 AND PCM
Audio Bitrate	32 to 320 kbps

### SPECIFICATIONS

Dimensions	198 x 91 x 36 mm (7.80 x 3.58 x 1.42 in)
Weight	613 g (1.35 lb)

### VIDEO DECODING

Interfaces	1x Composite Output 1x HDMI Output 1x GigE
Supported Resolutions	H.264 BP, MP and HP up to 1080p60
Input Formats	MPEG-2 TS, RTP and TS File
Video Frame Rates (SD)	25i, 29.97i and 30i
Video Frame Rates (HD)	24p, 25p, 30p, 50p, 59.94i, 60i and 60p

### AUDIO DECODING

Audio Codecs	AAC-LC ADTS and AAC-HE ADTS
Audio Bit Rate	32 to 320 kbps

### OTHER

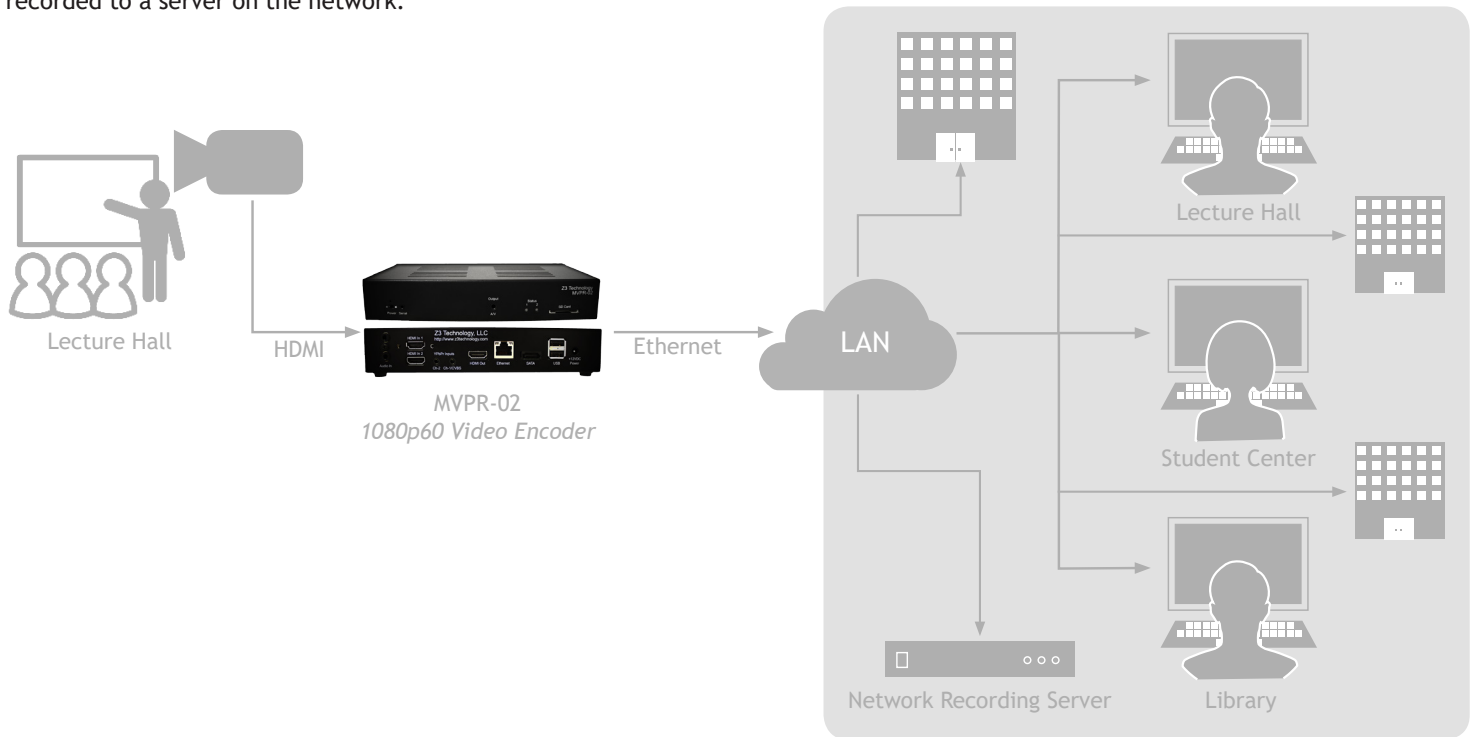
Network Management	Device IP, Subnet Mask, Gateway
Additional Interfaces	2x USB 2.0, SATA2, SD Card and RS-232
Software Control	HTTP-Based GUI: Configuration and Software Update SD Card: Software Update RS-232: Configuration
Power	12V External Power Supply 7W Typical Consumption
Temperature and Humidity	Operating: 0 to 45 degrees C at 20-80% Relative Humidity Storage: -40 to 70 degrees C at 20-80% Relative Humidity

# EDUCATION VIDEO STREAMING

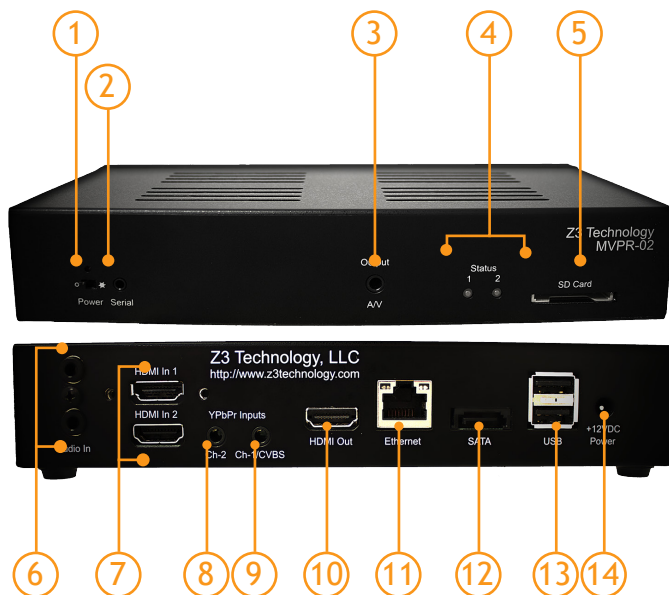
## Z3-MVPR-02



The diagram below demonstrates lecture content being encoded by the MVPR-02 and sending the content over Ethernet through a private local network (LAN), where devices connected to that network on campus can view the lecture. The content can also be recorded to a server on the network.



## OPERATING CONTROLS



- ① Power Switch
- ② RS-232
- ③ Composite Out
- ④ Status Lights
- ⑤ SD Card
- ⑥ Analog Stereo
- ⑦ 2x HDMI Input
- ⑧ Component Input
- ⑨ Component/Composite Input
- ⑩ HDMI Output
- ⑪ GigE
- ⑫ SATA2
- ⑬ 2x USB 2.0
- ⑭ 12V Power

\*Contact Z<sup>3</sup> Technology for Customized Product Options



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