Z3Stream™

H.264 Encoding
HD Resolutions
Ultra-Compact
Easy-to-Use

Z3Stream™

0.81 in

Z3 Technology

USB   Serial   HDMI CVBS   Power On

3.88 in

3.19 in

FC CE

H.264 1080p60 Video Encoding in an Ultra-Compact Form

Z3Stream™ Benefits

H.264

The most widely used codec in video compression, Z3Stream supports base profile, main pr file and high profile H.264 video.
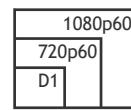
1080p60
720p60
D1

Featuring full HD video, users can encode content in H.264 in resolutions up to 1080p60.

Z3Stream features ZFinder, a PC utility program designed to locate your system on your network. Users are able to easily configure encode settings via the HTTP-based control.

Z3Stream features essential video formats for streaming including: RTP, RTMP, RTSP and others.

Offering compatibility with streaming engines such as Wowza® and UStream®, Z3Stream can be easily integrated into any existing network.

Designed with consideration for space and transportability, Z3Stream offers users an ultra-compact design small enough to fit in the palm of your hand

Live Streaming with Z3Stream™

HDMI

Z3 Technology

USB   Serial   HDMI CVBS   Power On

+5V/2A   A/V In   HDMI Out   Ethernet   HDMI In

ZTechnology, LLC
www.Z3technology.com

Z3Stream
1080p60 Video Encoder

RTMP
Ethernet

CDN/Web Server/
Wowza Streaming Engine™
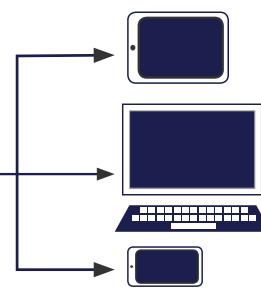
Multiple Device Streaming

Technical Specification

VIDEO ENCODING

Interfaces	1x Composite Input 1x HDMI Input 1x GigE
Supported Resolutions	1080p60 720p60 480p6 1080p50 720p59.94 480i30 1080i30 720p50 480i29.97 1080i29.97 576p50 CIF (352 x 240) 1080i25 576i25
Video Codec	H.264
Output Formats	MPEG-2 TS, RTP, RTMP and TSRTP
Video Bitrate	Customizable 450 kbps to 20 mbps
Features	•Supports unicast and multicast •High quality deinterlacer

AUDIO ENCODING

Interfaces	Embedded HDMI Audio
Audio Codecs	AAC-LC ADTS and AAC-HE ADTS
Audio Bitrate	12 to 384 kbps

SPECIFICATIONS

Software Control	HTTP-Based GUI: Encoder Configuratio
Power	5V External Power Supply Low Power Consumption, 5W Typical
Dimensions	98 x 81 x 21 mm (3.88 x 3.19 x 0.81 in)
Weight	221 g (0.49 lb)
Temperature and Humidity	Operating: 0 to 45 degrees C at 20-80% Relative Humidity Storage: -20 to 70 degrees C at 20-80% Relative Humidity

PACKAGE

Package Contents	1x Z3Stream Encoder 1x 5V Power Supply 1x HDMI Cable 1x Composite Cable 1x Ethernet Cable
Support	Paid Support Options Available*

OPERATING CONTROLS

1. Status Lights
2. Power Switch
3. 5V Power
4. GigE

PC Control