

## TECHNICAL SPECIFICATIONS

### Video Encoding

#### Input Resolutions

<b>3840x2160</b>	p30, p29.97, p25, p24, p23.98
<b>1080</b>	i/p60, i/p59.94, i/p50, p30, p29.97, p25, p24, p23.98
<b>720</b>	p60, p59.94, p50
<b>576</b>	i/p50; 480i/p60, i/p59.94

#### Encode Resolutions

<b>3840x2160</b>	p30, p29.97, p25, p24, p23.98
<b>1080</b>	p60, p59.94, p50, p30, p29.97, p25, p24, p23.98
<b>720</b>	p60, p59.94, p50
<b>576</b>	p50
<b>480</b>	p60, p59.94
<b>540</b>	p*
<b>360</b>	p*
<b>270</b>	p*
<b>180</b>	p*

\*scaled resolutions, frame rate same as source

<b>Codec</b>	H.265/HEVC, H.264, Baseline, Main, High
<b>Bit rates</b>	500kbps - 30Mbps
<b>Rate control</b>	Variable, Constant

### Audio Encoding

#### Encode Format

MPEG-4 AAC-LC in ADTS  
64/96/128/192/256/320/384/512 kbps

#### Encode Sampling Freq

32, 44.1, 48KHz

### General

+12V Input; 8 Watts total  
IEEE802.3af Power over Ethernet  
Dimensions: 1.5" x 5.0" x 4.234"  
Action Button to start/stop RTMP streaming

### I/O

#### Video

HDMI v1.4a input  
3G-SDI input  
SMTPE-344-2 608/708 Closed Captions (HD/4K)

#### Audio

3.5mm Analog Audio input - Line level  
Embedded HDMI/SDI input  
Up to 8 channels of audio over SDI input

#### Recording

USB 3.0  
SD Card

#### Network

10/100/1000 Ethernet (RJ-45)

### Simultaneous Streaming & Recording Capabilities

#### Streaming

RTMP/RTMPS x 3  
RTSP  
Unicast x 2 (RTP over UDP, Raw UDP)  
Multicast (RTP over UDP, Raw UDP)  
HLS (TS, fMP4)\*\*  
MPEG-DASH\*\*  
CMAF\*\*  
SRT

#### Recording

USB/SD Card (MPEG-TS or MP4)  
FTP upload

### Network & Control

REST API integrates with third-party controllers  
Web browser Interface  
DHCP (Default) / Static IP Address  
Command and Control: HTTP  
XML Polling