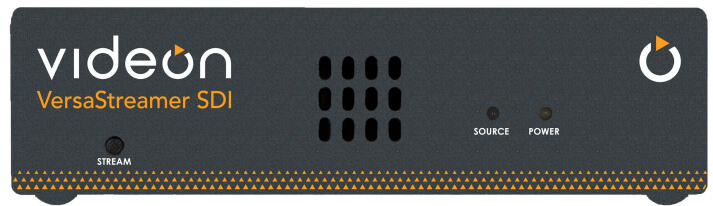


videon

VersaStreamer SDI

HDMI/SDI H.264 Encoder/Decoder

- Simultaneous streaming to 3 online platforms
- Local recording while streaming
- SDI input for professional workflows



Technical Specifications

Video Encoding/Decoding

Input Resolutions

1080i60, i59.94, i50, p60, p59.94, p30, p29.97, p25
720p60, p59.94, p50

Encode Resolutions

1080i60, i59.94, i50, p30, p29.97, p25
720p60, p59.94, p50
540p*; 480p*; 360p*; 270p*; 180p*
(*scaled resolutions, frame rate same as source)

Output Resolutions

1080i60, i59.94, i50, p60, p59.94, p50, p30, p29.97, p25,
p24, p23.98
720p60, p59.94, p50
576i50, p50
480i59.94, p59.94

Codec: H.264, Baseline, Main, High

Bit rates: 250kbps - 30Mbps

Rate control: Variable, Constant

Supports simultaneous encoding and decoding

Audio Encoding/Decoding

Encode Format: MPEG-4 AAC-LC in ADTS

64/96/128/192/256/320 kbps

Encode Sampling Freq: 32, 44.1, 48KHz

Decode Formats: MPEG-1-Layer 2, MPEG-2/MPEG-4 AAC
in ADTS/LOAS

Decode Sampling Freq: 48KHz

General

+12V Input; under 15 Watts total

Dimensions: 1.75" x 6.54" x 6.2"

Action Button to start/stop RTMP encoding

I/O

Video

HDMI v1.4a input
3G-SDI Input
HDMI v1.4a output

Audio

3.5mm Analog Audio input
Embedded HDMI input
Embedded SDI Input
Embedded HDMI output

Recording

2 x USB 2.0

Network

10/100/1000 Ethernet (RJ-45)

Simultaneous Streaming and Recording Capabilities

Streaming

RTMP/RTMPS x 3
RTSP
Unicast x 2 (RTP over UDP, Raw UDP)
Multicast (RTP over UDP, Raw UDP)
HLS

Recording

USB (MP4, MPEG-TS)
sFTP/FTP upload

Network and Control

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