SB-520
Professional Streaming Box

Record, Stream and Broadcast in One Box

AVer SB-520 features with powerful multi-function and compact design. Embedded with H.264 video codecs, the SB-520 allows one or two HDMI or 3G-SDI video sources up to full HD 1080p resolution, and encodes two independent video streams of the same or various bit-rates for broadcasting or recording. Also, SB-520 equips with multiple input/output interfaces that highly work with Facebook Live, Wowza, CDNvideo, YouTube, Twitch, Ustream, and many more platforms. Combing with simple Web UI for easy setups, the SB-520 not only makes the production more diversified, but also satisfies streaming industry's need of high efficiency.

Streaming	**Broadcasting**	**Recording**	**CDN Integration**
Full HD 1080p Resolution	**HDMI/3G-SDI Inputs**	**H.264 Codec**	**Web UI**

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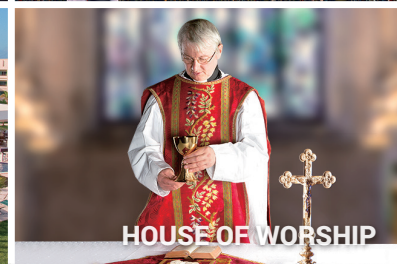
Product Specifications

⋗ Video

Interfaces (Input)	HDMI 1.4b x 2, 3G-SDI x 2 (Audio embedded)
Output Resolution	Full HD 1080p 60fps (Max.)
Preview Output	HDMI 1.4b

⋗ Audio

Interfaces	3.5mm Line in x 2, 3.5mm Mic in x 1, XLR x 1

⋗ Channels

Output	2

⋗ Streaming & Recording

Video Compression Formats	H.264
Audio Compression Formats	AAC
Bit-Rate Setting	Up to 20Mb/s
Recording File Formats	MP4, MOV, TS
Protocols	TCP, UDP, RTMP, RTP, RTSP, RTMPS, HLS
Layouts	PiP, PbP, Single, Customized layouts
Modes	**2 to 2 Mode:** 2 streams with independent audio/video input, encode setting and streaming protocol. **1 to 2 Mode:** Stream the same audio/video content to different target network with independent encode setting and streaming protocols. **1, 1, 1 Mode:** Simultaneous streaming and recording from the same video/audio source. Recording to network mapped drive from NAS and Windows shared folders.

⋗ Web UI

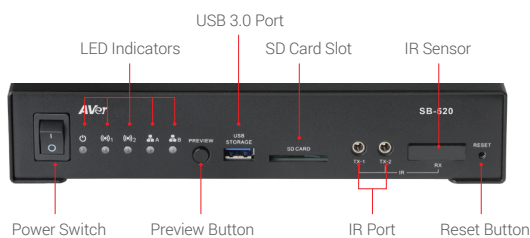|	
Browsers	Chrome, IE, Firefox

⋗ General

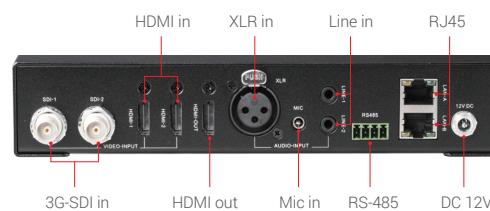|	
Power Requirement	Locking Power Supply 12V/5A
LEDs	Power x 1, RJ45 x 2, Stream x 2
Buttons	Preview, Reset
Connectivity	RJ45 x 2, RS-485 x1
PoE	Yes
Storage	NAS, USB 3.0 & SD Card Slot for Local Storage
IR	IR Receiver (for remote control), IR Blaster
API for Integration	Yes
Dimensions (W x H x D)	179.2 x 39.8 x 210.5 mm
Net Weight	962 g (2.12 lbs)
Operating Conditions	Temperature: 0°C to +50°C Humidity: 0% to 80%
Storage Conditions	Temperature: -40°C to +70°C Humidity: 0% to 90%
Package Contents	SB-520 Unit, Power Adapter, Power Cord, Remote Control, Base Rack Mount, Long Rack Mount, Short Rack Mounts (x 2), Screws (x 8), Quick Guide

* Specifications may vary depending on location and are subject to change without notice.

Hardware Specifications

Front Panel

LED Indicators · USB 3.0 Port · SD Card Slot · IR Sensor · Power Switch · Preview Button · IR Port · Reset Button

Back Panel

HDMI in · XLR in · Line in · RJ45 · 3G-SDI in · HDMI out · Mic in · RS-485 · DC 12V

Distributor/Dealer

www.aver.com

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