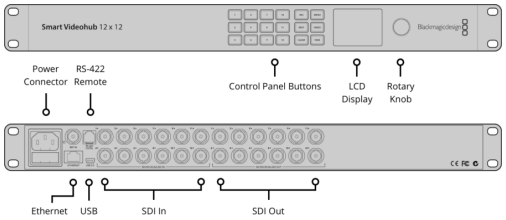
SMART VIDEOHUB 12X12

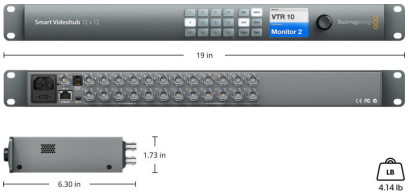
Smart Videohub 12x12 is the world’s most advanced Ultra HD mixed format router with built in control panel and monitoring. Ideal for small workgroups and fly away kits, it includes advanced 6G-SDI connections so you can simultaneously connect and route any combination of SD, HD and Ultra HD video all on the same router at the same time. You also get revolutionary new visual routing with the unique spin knob control, push button panel and the built in LCD screen. Also includes Ethernet for remote control and a fully customizable software development kit for Mac and Windows.

Cena:
Kategorie: Video, Produkcja, Monitoring TV





GALLERY IMAGES



OPIS

Connections

SDI Video Inputs

12 x 10-bit SD-SDI, HD-SDI and 6G-SDI.

SDI Video Outputs

12 x 10-bit SD-SDI, HD-SDI and 6G-SDI.

SDI Rates

DVB-ASI, 270Mb, 1.5G, 3G, 6G.

SDI Reclocking

On all SDI outputs.

Reference Input

Tri-Sync or Black Burst.

Control Panel Connection

Ethernet.

Serial Control Connection

RJ-6 RS-422.

Multi Rate Support

Auto detection of SD, HD or 6G-SDI. Simultaneous routing of 4K, HD, SD video and DVB-ASI.

Updates

USB

Front Panel Router Control

12 buttons for local control of Videohub. 6 buttons and scroll wheel for control of LCD display or RJ45 Ethernet.

Router Configuration

Via front panel LCD or RJ45 Ethernet.

RS-422 Router Control

1 x input for controlling router crosspoint switching.

Standards

SD Video Standards

525i59.94 NTSC, 625i50 PAL.

HD Video Standards

720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

2K Video Standards

2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF

Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30

4K Video Standards

4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p

SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 424M, SMPTE 425M Level A and B, ITU-R BT.656 and ITU-R BT.601.

SDI Video Sampling

4:2:2 and 4:4:4

SDI Audio Sampling

Television standard sample rate of 48kHz and 24 bit.

SDI Color Precision

10-bit 4:2:2 and 4:4:4

SDI Color Space

YUV or RGB.

SDI Auto Switching

Automatically selects between SD-SDI, HD-SDI, 6G-SDI and DVB-ASI on each input so that each input can be running a different television standard.

SDI Metadata Support

Video payload identification ancillary data as per SMPTE 352M.

Control

Built in Control Panel

12 buttons for local control of Videohub with 6 buttons and scroll wheel for menu control. 2.2 inch color display.

External Control Panel

Includes Blackmagic Videohub software control panel for Mac and Windows. Supports Blackmagic Smart Control and Blackmagic Master Control hardware panels. Includes Blackmagic Videohub SDK and Ethernet Videohub Control Protocol.

Software

Software Control

Router control included free for Windows™ and Mac™.

Internal Software Upgrade

Via included updater application.

Operating Systems

Mac 10.14 Mojave,
Mac 10.15 Catalina or later.
Windows 8.1 and 10.

Display

Built in LCD for video and menu settings.

Power Requirements

Power Fail Protection

Router connections preserved and restored instantly at power on.

Power Supply

IEC power cable required. 90 - 240V AC input.

Physical Specifications

Physical Installation

1 rack unit size. Less than 6 inches deep.

Environmental Specifications

Operating temperature:
0° to 40° C (32° to 104° F)

Storage temperature:

-20° to 45° C (-4° to 113° F)

Relative Humidity:
0% to 90% non-condensing

What's Included

Smart Videohub 12x12

SD card with software and manual

Warranty

3 Year Limited Manufacturer's Warranty, and 12 Month Warranty on the front panel.