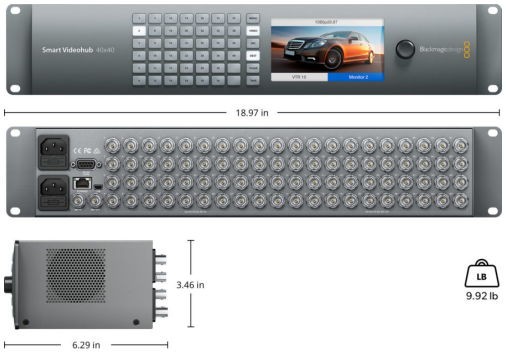
SMART VIDEOHUB 40X40

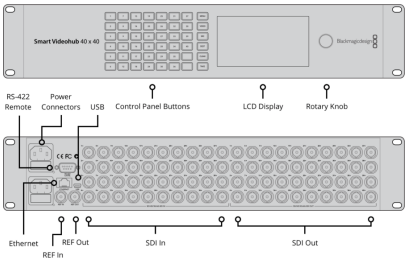
Advanced 40 x 40 multi format SD, HD and Ultra HD SDI router with built in video monitoring and spin knob control for visual routing so that you can quickly route your video by looking at it! Smart Videohub 40x40 fits a massive 80 multi rate 6G-SDI connections in a compact two rack unit size!

Cena:
Kategorie: Video, Produkcja, Monitoring TV





GALLERY IMAGES



OPIS

Connections

SDI Video Inputs

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

SDI Video Outputs

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

SDI Rates

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

Video Input Re-Sync

None

SDI Reclocking

On all SDI outputs, auto switching between standard definition, high definition or 6G-SDI video.

Reference Input

Tri-Sync or Black Burst.

Reference Output

Reference terminating loop output.

Control Panel Connection

Ethernet.

Serial Control Connection

DB-9 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.

Router Control

40 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. USB for firmware updates and IP address setting only.

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, 4K DCI 29.97p, 4K DCI 30p

SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M Level A and B, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, 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

40 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

Displays

Built in 5 inch LCD for video and menu settings.

Power Requirements

Power Supply

2 x Internal 90 - 240V AC. IEC power cables required.

Power Fail Protection

Crosspoint connections preserved and restored instantly at power on.

Power Consumption

58 Watts

Physical Specifications

Physical Installation

2 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 40x40

SD card with software and manual

Warranty

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