

## SMART VIDEOHUB 12X12

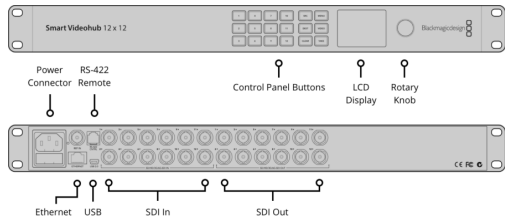


Smart Videohub 12x12 is the world's most advanced Ultra HD mixed format router with built in control panel and monitoring. Ideal for small workgroups and fly away kits, it includes advanced 6G-SDI connections so you can simultaneously connect and route any combination of SD, HD and Ultra HD video all 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.

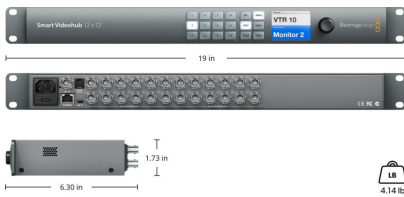
**Cena:**

**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.