

# 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!

**\$2,995**

## Connections

### SDI Video Input

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

### SDI Video Output

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

### Reference Input

Black burst and Tri-level sync for SD, HD and 4K.

### Reference Output

Reference terminating loop output.

### Multi Rate Support

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

### Updates

USB or Ethernet.

### Router Control

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

### Router Configuration

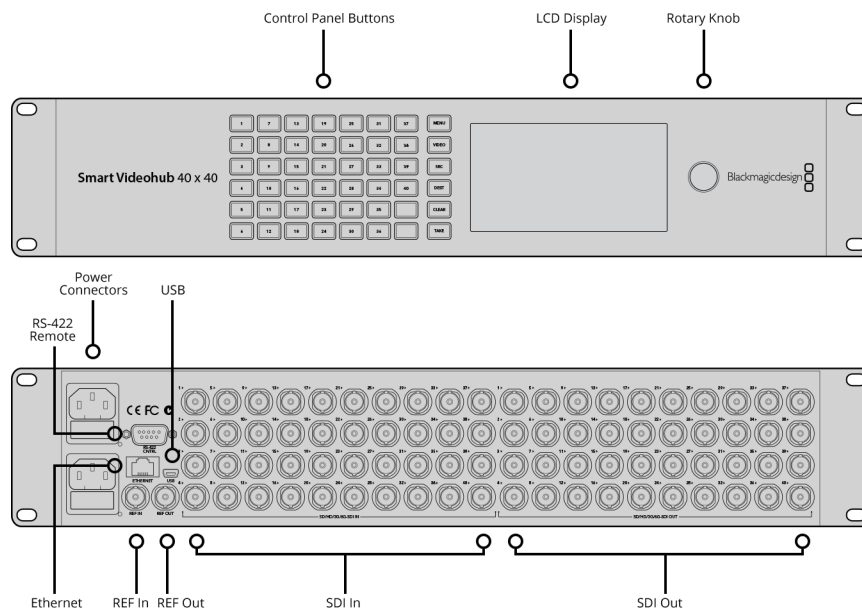
Via front panel LCD or RJ45 Ethernet. USB for firmware updates and IP address setting only.

### RS-422 Router Control

1 x input for controlling router crosspoint switching.

### Reclocking

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



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## Standards

### SD Format Support

625/25 PAL, 525/29.97 NTSC and 525/23.98 NTSC.

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### HD Format Support

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

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### 2K Format Support

2048 x 1080p23.98, 2048 x 1080p24, 2048 x 1080p25, 2048 x 1080PsF23.98, 2048 x 1080PsF24, 2048 x 1080PsF25.

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### 4K Format Support

3840 x 2160p23.98, 3840 x 2160p24, 3840 x 2160p25, 3840 x 2160p29.97, 3840 x 2160p30, 4096 x 2160p23.98, 4096 x 2160p24, 4096 x 2160p25, 4096 x 2160p29.97, 4096 x 2160p30

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### SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 310M, SMPTE 425M-B, ITU-R BT.656 and ITU-R BT.601.

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### SDI Video rates

SDI video inputs are switchable between standard definition, high definition and 4K. SDI switches between 270 Mb/s standard definition SDI, 1.5 Gb/s HD-SDI, 3G-SDI and 6G-SDI.

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### SDI Video Sampling

4:2:2 and 4:4:4.

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### SDI Audio Sampling

Television standard sample rate of 48kHz and 24-bit.

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### SDI Color Precision

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

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### SDI Color Space

YUV or RGB.

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### 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.

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### SDI Metadata Support

Video payload identification ancillary data as per SMPTE 352M.

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## Software

### Software Control

Router control included free for Windows™ and Mac OS X™.

### Internal Software Upgrade

Via included updater application.

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## Operating Systems



Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan or later.



Windows 8.1 or Windows 10.

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## Display

### Displays

Built-in 5" LCD for video and menu settings.

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## Physical Installation

### Physical Installation

2 rack unit size. Less than 6 inches deep.

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## Power Requirements

### Power Fail Protection

Crosspoint connections preserved and restored instantly at power on.

### Power Supply

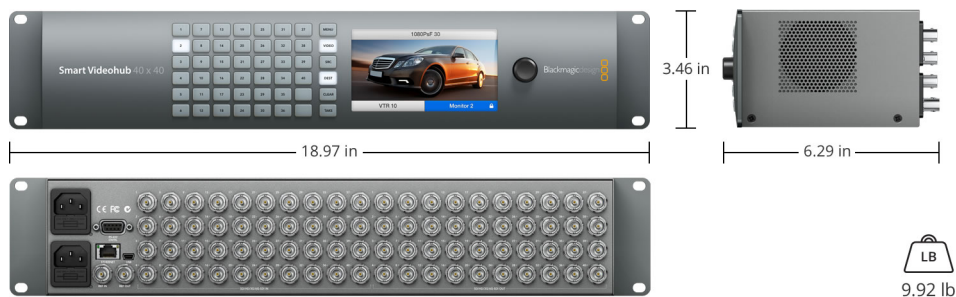
IEC power cables required. 2 x 90 - 240V AC inputs for full redundancy.

### Power Consumption

58 Watts

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## Physical Specifications



## 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

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## What's Included

Smart Videohub 40x40

Software CD

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## Warranty

12 month Limited Manufacturer's Warranty.

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