

# Universal Videohub 72



Rack frame lets you add up to 18 BNC SDI or optical fiber SDI interfaces plus a single 72 x 72 crosspoint and power card. Includes removable fan tray and fans.

**\$2,995**

## Connections

### SDI Video Output

Up to 72 x SDI/HD-SDI, 3G-SDI and ASI with SDI re-clocking. Can be BNC SDI or optical fiber SDI.

### Reference Input

1 x Black burst and Tri-Level Sync for all SD, HD and 2K SDI and optical connections.

### Multi Rate Support

Auto detection of SD, HD or 3G-SDI. Simultaneous routing of 2K, HD, SD video and DVB-ASI.

### SDI Video Input

Up to 72 x SDI/HD-SDI, 3G-SDI and ASI. Can be BNC SDI or optical fiber SDI.

### Updates

USB 2.0 high speed (480Mbps) interface.

### Device Control

Up to 72 bidirectional Sony™ compatible RS-422 deck control ports via breakout cable.

### RS-422 Router Control

1 x input for controlling router crosspoint switching.

### Router Control

Use either RJ45 Ethernet or Smart Control or Master Control shared over IP network.

### Router Configuration

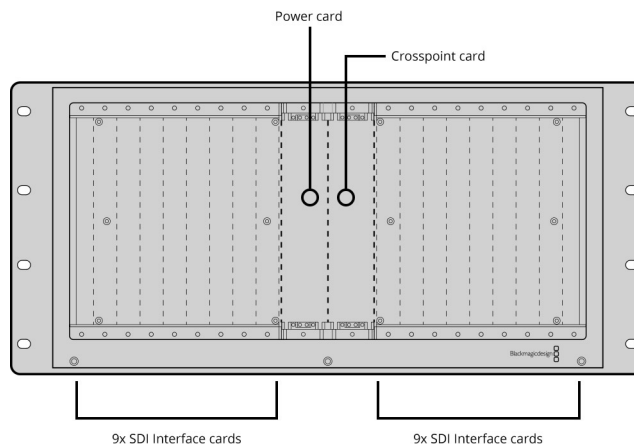
Use either RJ45 Ethernet or USB 2.0 (IP setting only) high speed interface shared over IP network.

### Reclocking

On all SDI outputs.

### GPI

GPI connector for connecting external alarms.



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## Standards

### SD Format Support

625/25 PAL and 525/29.97 NTSC.

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### HD Format Support

1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60.

1080PsF23.98, 24, 25, 29.97, 30.

1080i50, 59.94, 60.

720p23.98, 24, 25, 29.97, 30, 50, 59.94, 60.

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### SDI Compliance

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

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### 2K Format Support

2048 x 1556p23.98, 24, 25.

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### SDI Video Rates

SDI video connections are switchable between standard definition, high definition and 2K. SDI switches between 270 Mb/s standard definition SDI, 1.5 Gb/s HD-SDI and 3 Gb/s HD and 2K SDI.

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### SDI Video Sampling

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

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### SDI Color Precision

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

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### SDI Audio Sampling

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

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### SDI Color Space

YUV or RGB.

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### SDI Auto Switching

Automatically selects between SD-SDI, HD-SDI, 3G-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

### Internal Software Upgrade

Via included firmware updater application.

### Software Control

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

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## Power Requirements

### Power Supply

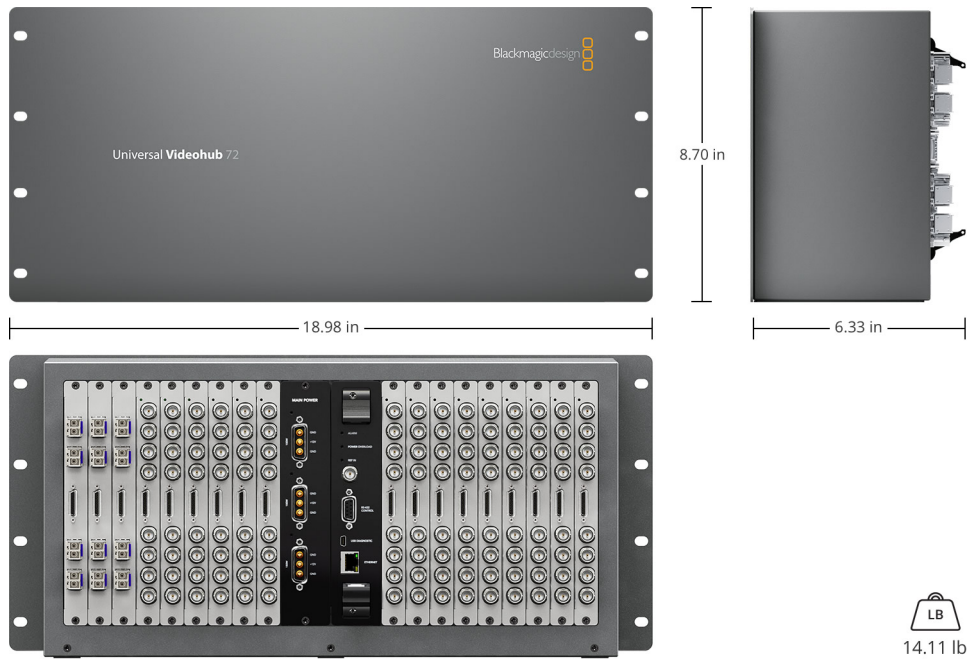
Redundant power supply options are available.

### Power Fail Protection

Router connections preserved and restored instantly at power on independently of host computer.

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## Physical Specifications



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## Physical Installation

5 rack unit size. Less than 6 inches deep.

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## 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

Universal Videohub 72

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## Warranty

3 Year Limited Manufacturer's Warranty.

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