

Universal Videohub 288



Rack frame lets you add up to 72 BNC SDI or optical fiber SDI interfaces plus a single 72 x 72 or dual 288 x 288 crosspoint cards and up to two power cards. Add a single crosspoint for affordability, or add dual crosspoint and power cards for full redundancy. Includes removable fan tray and fans.

\$9,995

Connections

SDI Video Input

Up to 288 x SDI/HD-SDI, 3Gb/s SDI and ASI. Can be BNC SDI or optical fiber SDI.

SDI Video Output

Up to 288 x SDI/HD-SDI, 3Gb/s SDI and ASI with SDI re-clocking. Can be BNC SDI or optical fiber SDI.

Reference Input

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

Updates

USB 2.0 high speed (480Mb/s) interface.

Multi Rate Support

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

Device Control

Up to 288 bidirectional Sony™ compatible RS-422 deck control ports via breakout cable.

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.

RS-422 Router Control

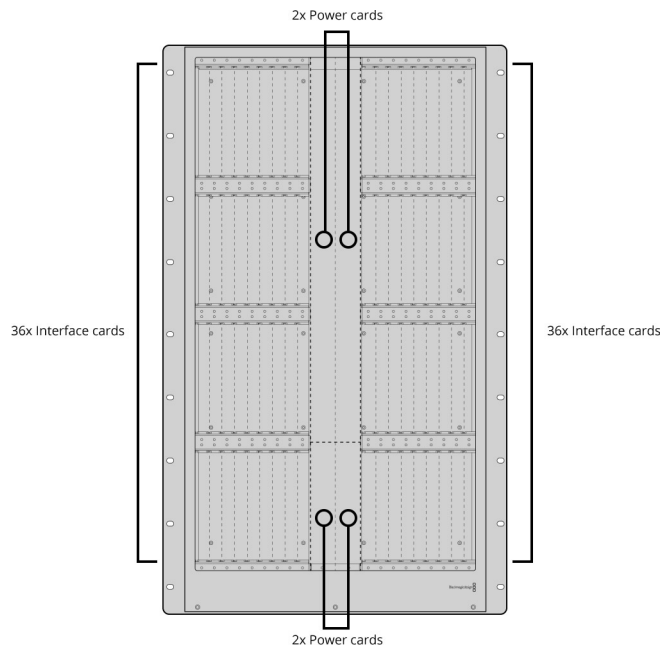
1 x input for controlling router crosspoint switching.

Reclocking

On all SDI outputs.

GPI

GPI connector for connecting external alarms.



Standards

SD Format Support

625/25 PAL and 525/29.97 NTSC.

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.

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.

2K Format Support

2048 x 1556p23.98, 24, 25.

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.

SDI Video Sampling

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

SDI Color Precision

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

SDI Audio Sampling

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

SDI Color Space

YUV or RGB.

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.

SDI Metadata Support

Video payload identification ancillary data as per SMPTE 352M.

Software

Internal Software Upgrade

Via included firmware updater application.

Software Control

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

Power Requirements

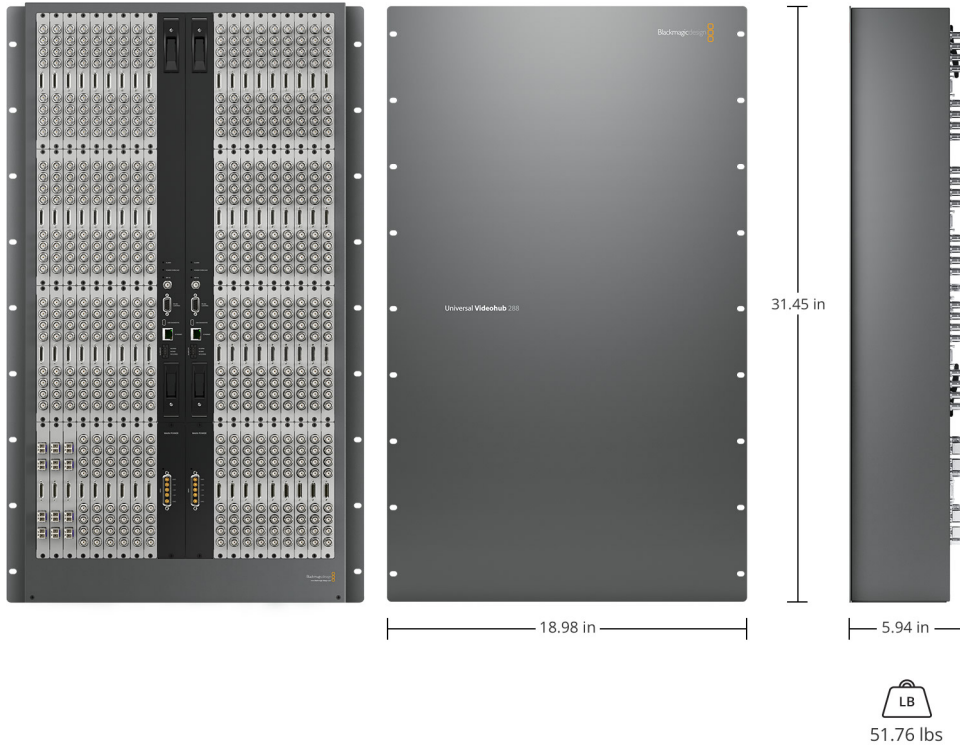
Power Supply

Redundant power supply options are available.

Power Fail Protection

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

Physical Specifications



Physical Installation

18 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

Universal Videohub 288

Warranty

3 Year Limited Manufacturer's Warranty.

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