

# Videohub

Powerful broadcast quality 3 Gb/s SDI routers up to a massive 144 x 288 size!



## Only Videohub routers give you advanced technology 3 Gb/s SDI routing at less than an inch thick!

Now you can eliminate complicated manual video patching forever! Videohub lets you connect all the equipment in your facility and easily change connections right from your computer's desktop! Videohubs are powerful broadcast grade routing switchers up to a massive 144 x 288 SDI and 144 deck control ports. You get auto switching SD, HD, 3 Gb/s SDI, redundant power and re-clocking!

Manual patching limits SDI cable lengths, and is often very complicated for creative users to understand, plus patch cables can quickly wear out so you get glitches in video. Videohub routers eliminate these problems because everyone is permanently connected, and no cables need to be physically changed! Videohub re-clocks SDI video for long cable lengths so you always get reliable video!

Smart Control \$495



### Videohub Smart Control

Add push button routing to your decks and monitors! Smart Control installs under each video device, and each button can be customized to a router input. When you push a button, the output to your deck or monitor changes! You can also have multiple outputs! Buttons illuminate white when set as inputs, gold for outputs, and the lower right button is red if you enable the take button feature!

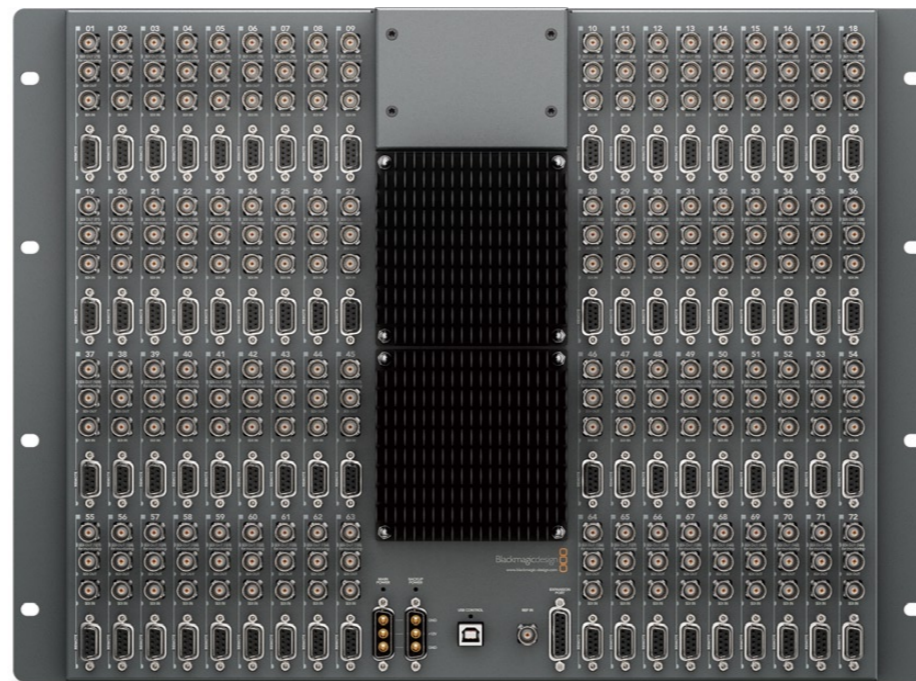
Micro Videohub \$1,995



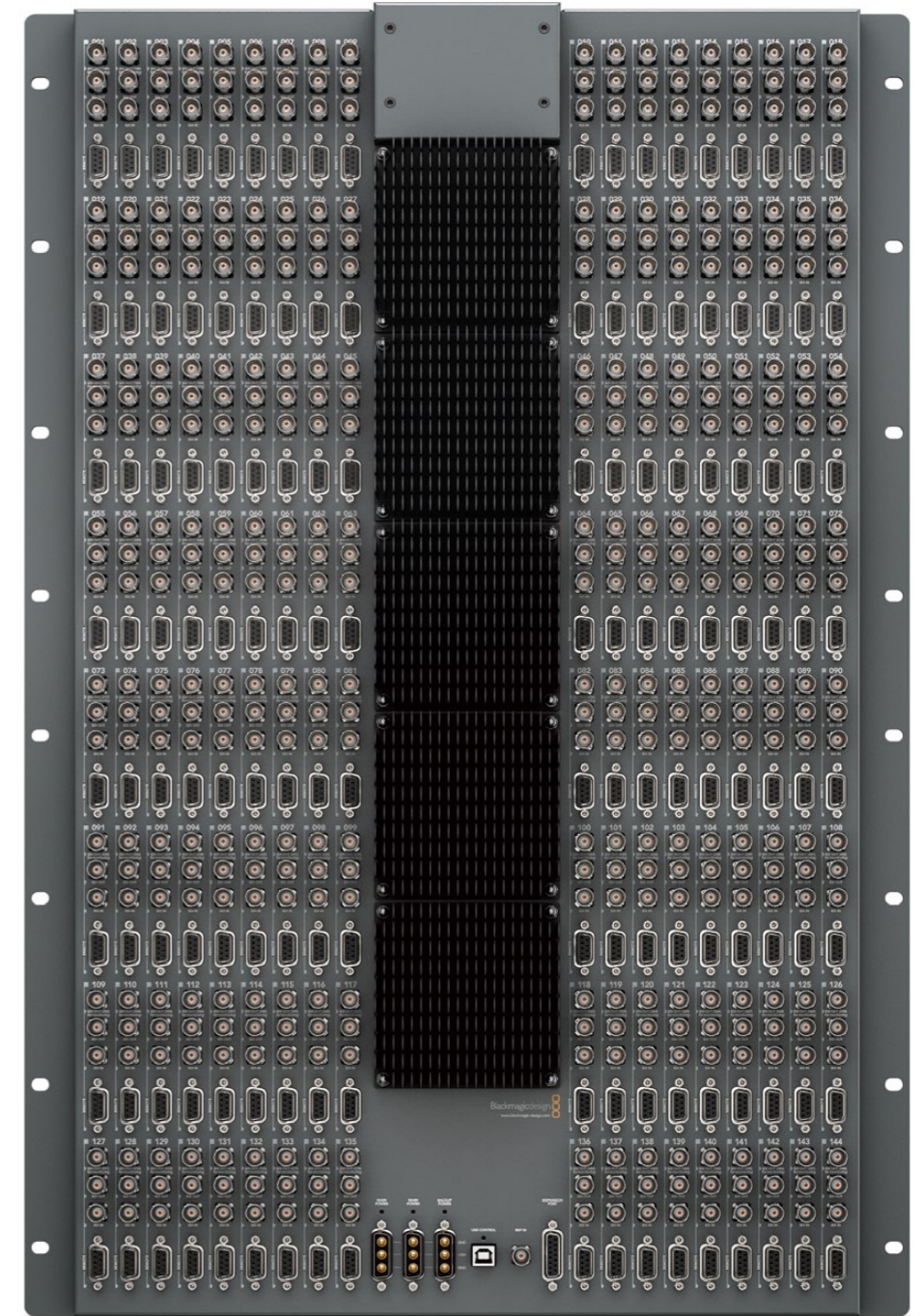
Studio Videohub \$2,995



Broadcast Videohub \$14,995



Enterprise Videohub \$29,995



### Widest Range of Router Sizes

From 16 x 16 SDI all the way up to a massive 144 x 288 SDI and serial remote, there is a Videohub router for all facilities! All Videohub routers feature the highest quality SMPTE compliant low jitter SDI connections, full SDI re-clocking and auto switching SD, HD and 3 Gb/s SDI connections. All Videohub routers use a single board design with no internal connectors, so you get superior reliability!

Smart Videohub \$2,495



## Micro Videohub

Perfect for locations where space really counts, such as outside broadcast trucks, Micro Videohub is the world's smallest router! Micro Videohub includes 16 x 16 SDI routing, auto standard detection for SD, HD and 3 Gb/s HD-SDI, re-clocking, and built in ethernet, USB and serial router control interfaces. No other router includes so many features packed into such an incredibly compact size!

**\$1,995**

## Broadcast Videohub

Broadcast Videohub is an ideal central router for larger post production facilities and regional broadcasters. Broadcast Videohub is the perfect combination of a large size at an affordable price, so you can use it for connecting all your equipment to a central location. Features a massive 72 inputs, 144 outputs and 72 deck control ports all packed into a compact 8 rack unit size!

**\$14,995**

## Smart Videohub

Smart Videohub includes all the great features of Micro Videohub plus a built in control panel. Now you can change all routing with the push of a button! Smart Videohub includes 16 x 16 SDI, 3 Gb/s SDI, auto SD/HD/3 Gb/s SDI, re-clocking, ethernet, USB and serial router control interfaces. Great first router that's expandable with all Videohub control options!

**\$2,495**



### Perfect First Router!

Smart Videohub is perfect for small studios when you're starting out and need a true professional router.

## Studio Videohub

Studio Videohub is perfect for smaller workgroups who need compact size at an affordable cost. Studio Videohub has the exact same high performance features of the larger models, including 3 Gb/s SDI, auto standard detection for SD, HD and 3 Gb/s HD-SDI formats, re-clocking and more. Features 16 inputs, 32 outputs and 16 deck control ports all packed into a tiny 2 rack unit size less than an inch thick.

**\$2,995**

## Enterprise Videohub

Enterprise Videohub is a massive size that's perfect for the largest facility or broadcaster. Enterprise Videohub is one of the largest routers available and includes the same advanced technology as the other Videohub models at an affordable price. Enterprise Videohub features a massive 144 inputs, 288 outputs and 144 deck control ports all packed into a 16 rack unit size that's so thin you can install it in the back of a rack!

**\$29,995**

## Smart Control

Now you can afford a control panel for all your monitors and decks so you can set the input with a single button press! Each button can be set to a different router input and you can set single or multiple router outputs. All buttons include full RGB illumination and Smart Control connects to Videohub via Ethernet and setup software is included!

**\$495**

## World's Greatest Router Control

Say goodbye to expensive and hard to use custom hardware control panels! Videohub uses software control panels that run on any computer so you can control the router right from your desktop. There is a wide range of control panel styles to suit your workflow. You can even use large touch screen all-in-one computers as a customized router controller with easy to press icon buttons in an elegantly designed layout. Videohub software is easily the world's most beautiful router control!

## Network Router Control

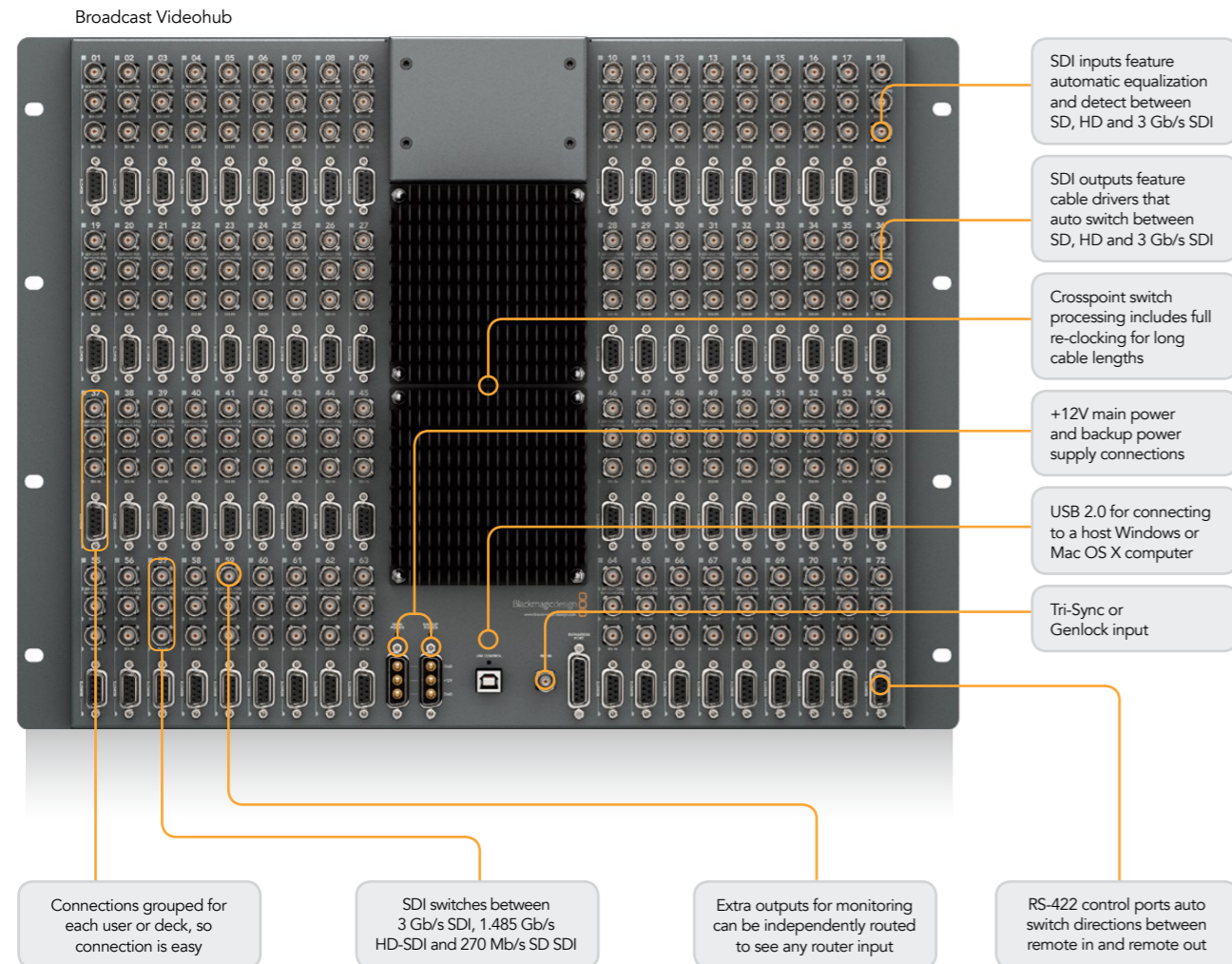
Videohub uses software control panels that run on Windows™ and Mac OS X™. This lets you control the router from the same system you edit on. Videohub connects to any computer via USB and is then shared over your local network. Simply connect to the router via the USB 2.0 connection which activates any computer as the host, allowing other computers on your network to connect. You can even use our developer SDK for your own custom software control!

## The world's greatest router software control!

**Destinations**

- Your destinations are all neatly placed within the lower panel
- Your connections are shown when illuminated in gold
- Includes a suite of great icons to make navigation quicker.
- Each button can have its status changed or locked
- A grey lock symbol indicates another user has locked this destination
- Your sources are all neatly placed within an easy to navigate top panel

## Take a closer look at Videohub



### World's Highest Quality 3 Gb/s SDI

With new 3 Gb/s SDI connections built in, Videohub allows twice the SDI data rate than normal HD-SDI. Use 3 Gb/s SDI for high resolution real time 2048 x 1556 feature film editing. 3 Gb/s SDI has full compatibility with SD, HD or 2K so you connect to all your current SD and HD equipment. Videohub lets you connect all this equipment at the same time, as it auto switches the moment any SDI input changes video format.

### Connect to Everything

Videohub uses standard SDI connections that auto switch between all SD, HD and 3 Gb/s HD-SDI video formats, so you can connect to virtually any device used in television production. Connect all your editing systems, decks, monitors and anything else you can imagine. If you're working in high quality Dual Link 4:4:4 RGB video, then you can just use two SDI connections for Dual Link routing!

Micro Videohub	Studio Videohub	Broadcast Videohub	Enterprise Videohub	Smart Videohub	Smart Control
<b>Connections</b>					
<b>SDI Video Input:</b> 16 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Input:</b> 72 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Input:</b> 144 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Input:</b> 144 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Input:</b> 16 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Input:</b> None
<b>SDI Video Output:</b> 16 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Output:</b> 32 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Output:</b> 144 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Output:</b> 288 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Output:</b> 16 x 10 bit SD-SDI, HD-SDI, 3Gb/s HD and 2K switchable.	<b>SDI Video Output:</b> None
<b>Multi Rate Support:</b> Auto detection of SD, HD or 3 Gb/s SDI. Simultaneous routing of 2K, HD, SD video and DVB-ASI.					
<b>Device Control:</b> None	<b>Device Control:</b> 16 x bidirectional Sony™ compatible RS-422 deck control ports. Serial ports TxRx pin reversible under software control.	<b>Device Control:</b> 72 x bidirectional Sony™ compatible RS-422 deck control ports. Serial ports TxRx pin reversible under software control.	<b>Device Control:</b> 144 x bidirectional Sony™ compatible RS-422 deck control ports. Serial ports TxRx pin reversible under software control.	<b>Device Control:</b> None	
<b>Router Control:</b> Use either RJ45 Ethernet or USB 2.0 high speed interface shared over IP network.	<b>Router Control:</b> USB 2.0 high speed interface shared over IP network.			<b>Router Control:</b> 32 buttons for local control of Videohub or use either RJ45 Ethernet or USB 2.0 high speed interface shared over IP network.	<b>Control:</b> 40 programmable buttons and RJ45 Ethernet used for remote control of routers over an IP network.
<b>Router Configuration:</b> Use either RJ45 Ethernet or USB 2.0 high speed interface shared over IP network.	<b>Router Configuration:</b> USB 2.0 high speed interface shared over IP network.			<b>Router Configuration:</b> Use either RJ45 Ethernet or USB 2.0 high speed interface shared over IP network.	<b>Configuration:</b> USB 2.0 high speed (480Mb/s) interface.
<b>RS-422 Control:</b> 1 x input for controlling router crosspoint switching.	<b>RS-422 Control:</b> None			<b>RS-422 Control:</b> 1 x input for controlling router crosspoint switching.	<b>RS-422 Control:</b> None
<b>Updates:</b> USB 2.0 high speed (480Mb/s) interface.					
<b>Re-clocking:</b> On all SDI inputs, auto switching between standard definition, high definition or 3 Gb/s SDI video.					<b>Re-clocking:</b> None
<b>Reference Input:</b> Blackburst and TriSync for SD, HD and 2K.					<b>Reference Input:</b> None
<b>Standards</b>					
<b>SD Format Support:</b> 625/25 PAL and 525/29.97 NTSC.					
<b>HD Format Support:</b> 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080i50, 1080i59.94, 1080i60, 1080p50, 1080p59.94, 1080p60, 720p23.98, 720p24, 720p25, 720p29.97, 720p30, 720p50, 720p59.94, 720p60.					
<b>2K Format Support:</b> 2048 x 1556/23.98/24/25.					
<b>SDI Compliance:</b> SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 310M, SMPTE 425M-A, SMPTE 425M-B, ITU-R BT.656 and ITU-R BT.601.					
<b>SDI Video Sampling:</b> 4:2:2 and 4:4:4.					
<b>SDI Video Rates:</b> 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.					
<b>SDI Color Precision:</b> 4:2:2 and 4:4:4 10 bit.					
<b>SDI Color Space:</b> YUV, or RGB.					
<b>SDI Metadata Support:</b> Video payload identification ancillary data as per SMPTE 352M.					
<b>SDI Audio Sampling:</b> Television standard sample rate of 48 kHz and 24 bit.					
<b>SDI Auto Switching:</b> Automatically selects between SD-SDI, HD-SDI, 3 Gb/s SDI and DVB-ASI on each input so that each input can be running a different television standard.					
<b>Extras</b>					
<b>Software Control:</b> Router control included free for Windows™ and Mac OS X™.					
<b>Firmware Upgrade:</b> Via included firmware updater application.					
<b>Installation:</b> 1 rack unit size. Less than an inch deep.	<b>Installation:</b> 2 rack unit size. Less than an inch deep.	<b>Installation:</b> 8 rack unit size. Less than three inches deep.	<b>Installation:</b> 16 rack unit size. Less than three inches deep.	<b>Installation:</b> 1 rack unit size. Less than an inch deep.	<b>Installation:</b> 1 rack unit size. Less than an inch deep.
<b>Power Supply:</b> 1 x Universal power supply included. IEC power cable required.		<b>Power Supply:</b> 2 x Universal power supplies included. IEC power cables required. The second power supply is permanently connected and works as a redundant power source.	<b>Power Supply:</b> 3 x Universal power supplies included. IEC power cables required. The third power supply is permanently connected and works as a redundant power source.	<b>Power Supply:</b> 1 x Universal power supply included. IEC power cable required.	<b>Power Supply:</b> 1 x Universal power supply included with international socket adapters for all countries.
<b>Power Fail Protection:</b> Router connections preserved and restored instantly at power on independently of host computer.					
<b>Product Warranty:</b> 3 Year Limited Manufacturer's Warranty.					