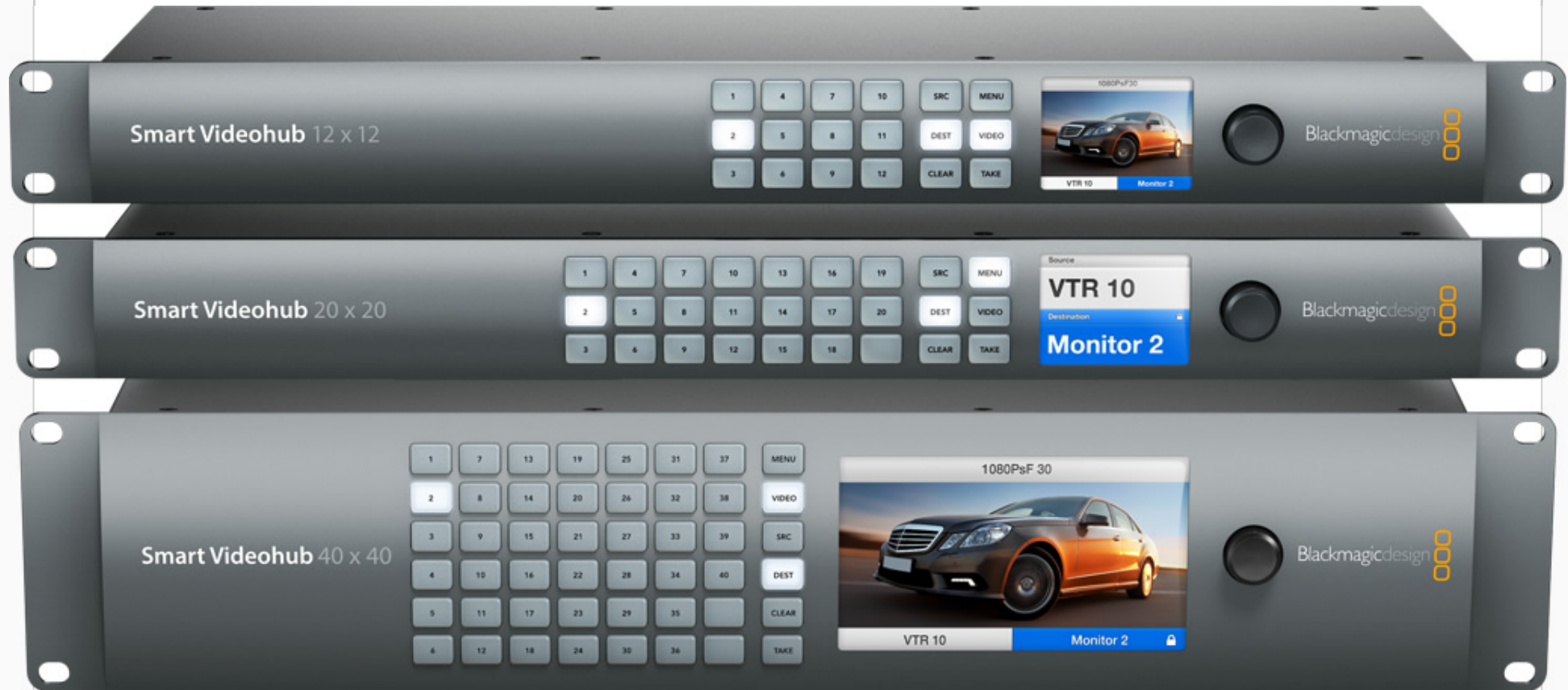


Smart Videohub

The world's first SD, HD and Ultra HD mixed format routers!



Introducing the exciting new Smart Videohub, the world's first Ultra HD mixed format routers with built in video monitoring and spin knob router control. Smart Videohub includes the latest 6G-SDI or 12G-SDI technology depending on the model, so you can simultaneously connect and route any

combination of SD, HD and Ultra HD video, all the way up to high frame rate 2160p60, all on the same router at the same time! You also get revolutionary new visual routing that lets you see your router connections as video on the built in LCD as you scroll the knob to select your routing. Now you can

route your video simply by looking at the video!



Perfect for Portable Use

Broadcast grade routing that's easy to use!

Smart Videohub is perfect for broadcast, post or live production! Smart Videohub's super compact size means it's perfect for use in large broadcast systems or portable mini racks for live production where cameras, switchers, recording and monitors are all simply connected to Smart Videohub. Now you can avoid messy rewiring because you can connect everything to the router and then quickly change connections from job to job without reconnecting a single cable!

Compact Design

Innovative control and

Smart Videohub's beautiful machined aluminum design features new innovative video monitoring control. Now you can visually route video because the built in monitor lets you see live video, crosspoint connection labels and TV formats

monitoring in a compact design!

displayed simultaneously. You can make selections with the spin knob or switch video with the dedicated button panel. Choose from three incredible models! The Smart Videohub 12x12, 20x20 and 40x40 all feature the amazing new control panel, built in power supply, network control and advanced 6G-SDI connections in a compact design. You can even configure all IP settings on the front of the unit without a computer!

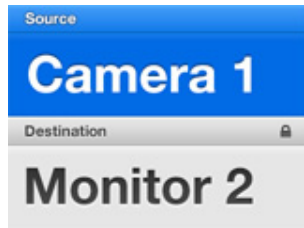


Visual Routing

Route your video by looking at it!



Scan through video at lightning speed! Smart Videohub's super fast spin knob control lets you dial through your router cross points while displaying live video combined with custom on screen labels. Scroll order is arranged alphabetically so it's easy to find the crosspoint you are looking for! The spin knob control combined with visual routing is the fastest way to route! Imagine scrolling through your connections while viewing them as live video on the LCD! On screen labels support unicode so they work in non Roman character sets such as Chinese, Japanese, Russian, German, French, Spanish and more. That means if you have labels in Japanese it will appear



on the front panel in Japanese exactly the same as it appears on the software control panel on your computer.



Built in Video Monitoring!

Built in video, label and



format monitoring!

Now you can monitor all the live video connected to your Videohub. The built in LCD lets you see your video in virtually every TV format! That means you don't need a separate external monitor because it's built into the front panel of the router itself! You can look at any source or destination and confirm the correct video inputs are being sent to the correct video outputs. Built in monitoring is perfect when space is tight, such as mini racks and broadcast trucks.



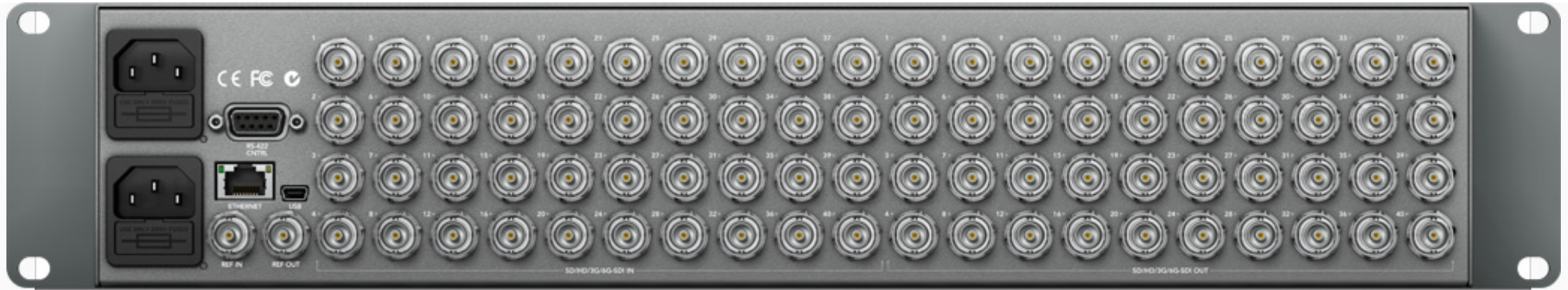
LABELS



VIDEO

Loads of Connections

Up to 40 x 40 size for advanced routing applications!



When you need larger routers for serious sized facilities, the Smart Videohub range has the options you need. You can select from models with a small 12 x 12 size, all the way up to 20 x 20 and a massive 40 x 40 sources and destinations, all with 6G-SDI technology. For external remote control, Ethernet

is included so you can also route from a choice of hardware based control panel for your Mac or Windows computer. For integration into broadcast systems, RS422 control is included and the router supports tri-sync and black burst reference.

12G SDI

6G SDI

1080p60

2160p30

2160p60

6G SDI

Multi Rate 6G-SDI

Work with SD, HD and Ultra HD

All Smart Videohub models feature 6G-SDI connections for working with standard frame rate Ultra HD video, while retaining full compatibility with all of your SD and HD-SDI equipment. You get the perfect quality of SDI video connections with the flexibility to work in any television format you like, as well as 4:2:2 or 4:4:4 color sampling. Even if you're not running in Ultra HD now, you can still work in SD or HD today and be ready for Ultra HD when you need it.

The logo for 12G-SDI, featuring the text '12G' in a bold, orange, sans-serif font, followed by 'SDI' in a grey, italicized, sans-serif font, all enclosed within a grey rectangular border.

Advanced 12G-SDI

Allows high frame rate Ultra HD formats!

The advanced technology Smart Videohub 12G model gives you all of the same great features and benefits of 6G-SDI, however its 12G-SDI connections run at twice the speed so you can connect equipment that works with high frame rate Ultra HD 2160p60 video over a single cable! High frame rate Ultra HD is becoming the video standard of the future because it allows broadcasters to use the same 60 fps workflow for fast action live production used in HD, but get the higher quality of Ultra HD. The amazing sharpness and fluid motion of 60 frames per second Ultra HD represents the cutting edge of broadcasting and the 12G-SDI model easily handles it and all other SD, HD and Ultra HD formats, all on the same router at the same time. Be ready for the future with 12G-SDI.

Smart Videohub 12G 40x40

The world's first 12G-SDI high frame rate
Ultra HD 2160p60 router!



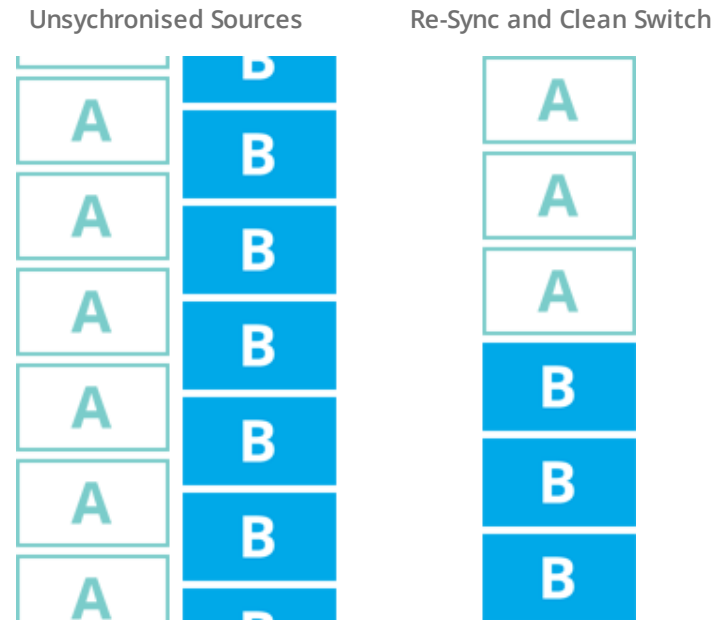
Introducing the incredible new Smart Videohub 12G 40x40, the world's most advanced technology router for all SD, HD and Ultra HD video formats, all the way up to 2160p60! Ultra HD is being adopted quickly so you never know when you are going to need to connect 12G-SDI devices into your systems. Smart Videohub 12G ensures it will always be ready to route signals from the latest switchers, cameras, decks, monitors and more. Because Smart Videohub 12G 40x40 features multi-rate 12G-SDI on BNC SDI connectors, it works with all of your existing SD and HD gear and is fully compatible with the latest high frame rate Ultra HD gear. That means you can drop it in to replace your existing router today without having to rewire your entire facility! Smart Videohub 12G gives you the confidence to route any SD, HD or Ultra HD signal from any device today and in the future!

Smart Videohub CleanSwitch 12x12

Glitch free clean live switching and resynchronization



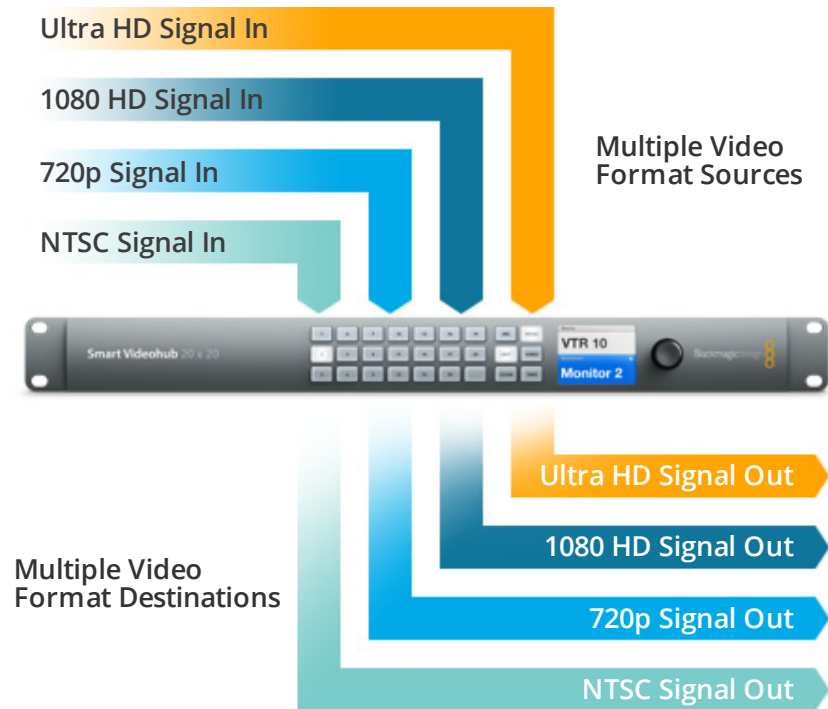
When you need to cleanly switch between video sources to monitors or directly to air, you need timed or genlocked signals. If you cannot guarantee perfectly timed source signals but you still need to clean switch then Smart Videohub CleanSwitch 12x12 is the special model of Videohub that features resynchronization on all inputs so you get perfect clean feeds every time! Smart Videohub CleanSwitch 12x12 has all of the same great features of Smart Videohub 12x12 plus includes full resynchronization on every input so the router automatically re times all inputs to ensure clean, glitch free switching between router cross points. Sources of the same resolutions and the same frame rate can even be output directly to air for smooth, cuts only production. Just like all Smart Videohub models, you can control Smart Videohub CleanSwitch directly from the front panel or remotely over ethernet using the Videohub Control Panel software on a Mac or PC.



All Video Formats Simultaneously

Different formats, frame rates and resolutions simultaneously!

Smart Video includes multi format technology so you can simultaneously connect SD, HD and Ultra HD equipment all on the same router at the same time. SDI products from Blackmagic Design will automatically detect the SDI video format when it changes and instantly switch standards. This means you can seamlessly work in NTSC and PAL SD, 720 and 1080 HD and even 2160 Ultra HD at any frame rate, all at the same time on the single router!



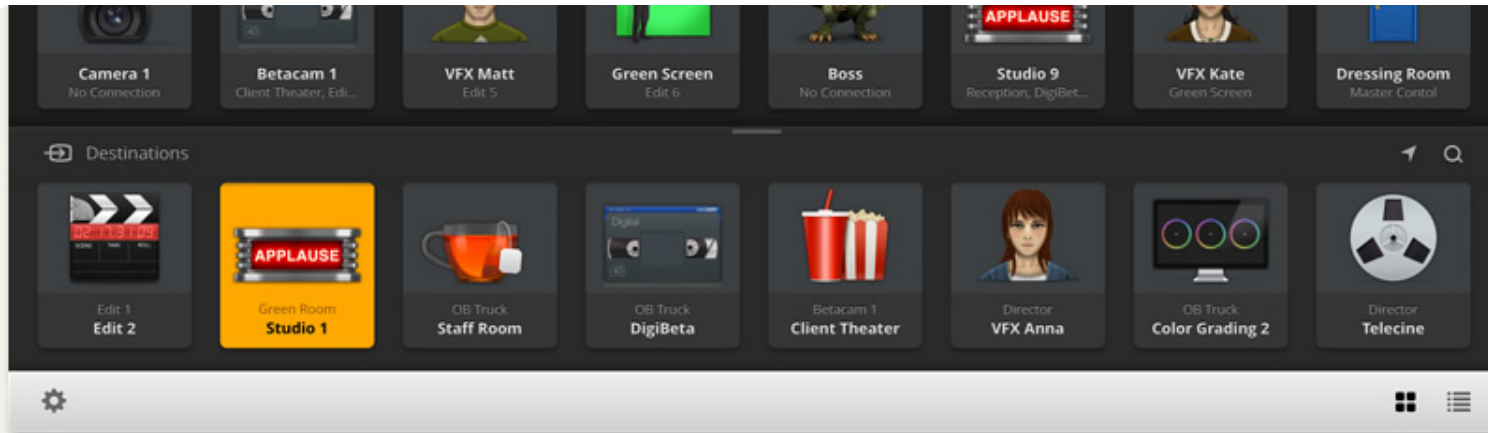
Ultra HD Quality, HD Compatibility!

The broadcast industry's video standard of the future



Get amazing images that are so detailed it's like being there! With Ultra HD you get 4 times the resolution of regular 1080 HD video for a massive 3840 x 2160 frame size. The new Smart Videohub easily handles the enormous data rates of full resolution Ultra HD video as well as SD and HD video. Ultra HD

is the broadcast standard of the future and production of 4K content is accelerating! Smart Videohub's advanced 6G-SDI multi format connections are compatible with your existing SD-SDI and HD-SDI equipment as well as the latest Ultra HD gear.



External Software Control

Control routing via network on Mac and Windows!



If you want to control your Smart Videohub anywhere then the included free Videohub software control for Mac and Windows is the perfect solution. Videohub control software has a great looking interface with amazing icon buttons. When used with touchscreen PCs, you get a fantastic large screen XY control panel! You can even download the software control panel for Apple iPad® that lets you use it as a fantastic, low cost touch screen router panel, it's free on the App Store!

Videohub Smart Control



Videohub Master Control



Hardware Control Panels

Add incredible rack mount hardware control panels

For dedicated remote router panels, you can choose between Videohub Smart Control and Videohub Master Control. Both optional panels connect to your network via Ethernet and can control any Videohub model. Videohub Smart Control is ideal for direct cut bus style routing to monitors or decks, while Videohub Master Control gives you full spin knob control and direct label entry with an LCD display to see your router crosspoint labels. You get perfect integration and 24/7 broadcast reliability with Blackmagic Videohub remote panels!



Custom Control

Free software developer kit!

Customize your control options for any installation! Videohub lets you create your own

6G-SDI Smart Videohubs

6G SDI



Smart Videohub 12x12

Advanced 12 x 12 multi format SD, HD and Ultra HD SDI

6G SDI



Smart Videohub CleanSwitch 12x12

Compact 6G-SDI 12 x 12 video router with built in

router with built in video monitoring, spin knob control, 6G-SDI technology.

re-synchronizer in each input. Supports SD, HD and Ultra HD formats up to 2160p30. Includes push button and spin knob control, LCD, Ethernet remote control and more.

6G SDI



Smart Videohub 20x20

Advanced 20 x 20 multi format SD, HD and Ultra HD SDI router with built in video monitoring, spin knob control, 6G-SDI technology.

6G SDI



Smart Videohub 40x40

Advanced 40 x 40 multi format SD, HD and Ultra HD SDI router with built in video monitoring, spin knob control, and 6G-SDI technology.

12G-SDI Smart Videohub

12G SDI



Smart Videohub 12G 40x40

Advanced 12G-SDI router supports all SD, HD and Ultra HD SDI video formats simultaneously. Includes spin knob or push button control, LCD monitoring and Ethernet router control.

Smart Videohub Control



Videohub Smart Control

40 button control panel for XY or single destination control. Supports ethernet.



Videohub Master Control

Spin knob and direct entry control panel with LCD status. Supports ethernet.