

Blackmagic Videohub Mini 6x2 12G



Blackmagic Videohub Mini 6x2 12G is a compact zero latency video router that supports any combination of SD, HD and Ultra HD on the router at the same time. It has 6 12G-SDI inputs and 2 12G-SDI outputs plus reference connections for locking clean switch outputs in a compact 1/2 rack width size. The front panel control panel lets you quickly route a video connection and even includes an emergency 12G-SDI connection for patching in external gear and USB-C webcam video out. It also features SDI re-clocking, external Ethernet control and supports all SDI video standards up to 2160p60.

\$875

Connections

SDI Video Inputs

6
Front panel input overrides rear input 6

SDI Video Outputs

2
Front panel output mirrors rear output 2

SDI Rates

270Mb, 1.5G, 3G, 6G, 12G.

Video Input Re-Sync

On all 6 inputs for clean switch.

SDI Reclocking

On all SDI outputs.

Reference Inputs

Tri-Sync or Black Burst.

Reference Outputs

Reference terminating loop output.

Webcam Output

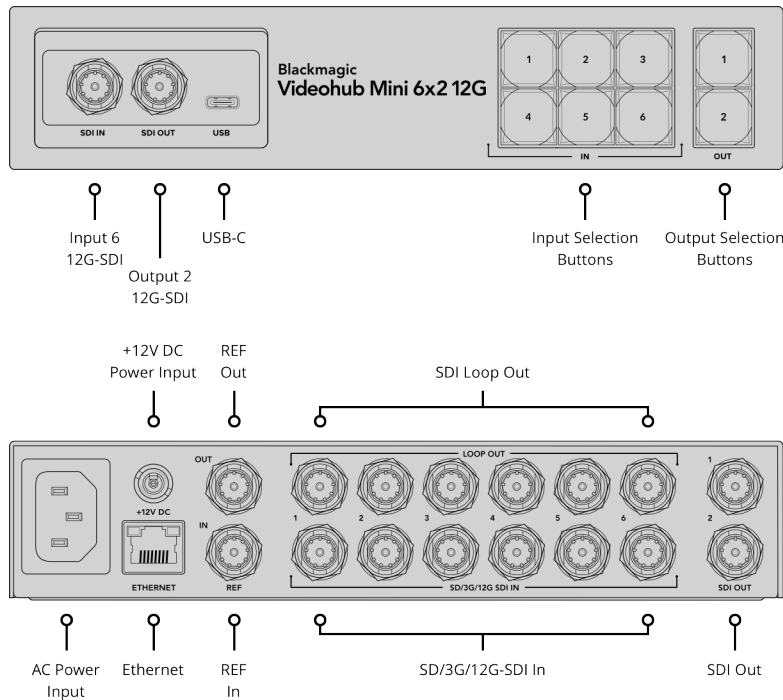
USB-C

Ethernet

Supports 10/100/1000 BASE-T.

Computer Interface

1 x USB Type-C 3.1 Gen 1 for webcam out, software updates and Videohub Setup Utility connection.



Standards

SD Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

720p50, 720p59.94, 720p60
 1080i50, 1080i59.94, 1080i60
 1080p23.98, 1080p24, 1080p25,
 1080p29.97, 1080p30, 1080p47.95,
 1080p48, 1080p50, 1080p59.94,
 1080p60
 1080PsF23.98, 1080PsF24,
 1080PsF25, 1080PsF29.97, 1080PsF30

2K Video Standards

2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI,
 2Kp29.97 DCI, 2Kp30 DCI,
 2Kp47.95 DCI, 2Kp48 DCI, 2Kp50 DCI,
 2Kp59.94 DCI, 2Kp60 DCI
 2KPsF23.98 DCI, 2KPsF24 DCI,
 2KPsF25 DCI, 2KPsF29.97 DCI,
 2KPsF30 DCI

Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25,
 2160p29.97, 2160p30, 2160p47.95,
 2160p48, 2160p50, 2160p59.94,
 2160p60

4K Video Standards

4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI,
 4Kp29.97 DCI, 4Kp30 DCI,
 4Kp47.95 DCI, 4Kp48 DCI, 4Kp50 DCI,
 4Kp59.94 DCI, 4Kp60 DCI

SDI Compliance

SMPTE 259M, SMPTE 292M,
 SMPTE 296M, SMPTE 372M,
 SMPTE 424M, SMPTE 425M level A
 and B, SMPTE 2081-1,
 SMPTE 2081-10, SMPTE 2082-10,
 ITU-R BT.656 and ITU-R BT.601

SDI Audio Sampling

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

SDI Video Sampling

YUV 4:2:2 and RGB 4:4:4

SDI Color Precision

10, 12-bit RGB 4:4:4 in all HD and 2K
 modes, Ultra HD modes up to
 2160p30 and 4K modes up to 4Kp30
 DCI. 10-bit YUV 4:2:2 in all modes.

SDI Color Space

REC 601, REC 709, REC 2020

SDI Auto Switching

Automatically selects between
 270Mb SD-SDI, 1.5G HD-SDI, 3G level
 A and level B HD-SDI, 6G HD-SDI and
 12G-SDI 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.

Control

Built in Control Panel

8 x buttons

External Control Panel

Includes Blackmagic Videohub software control panel for Mac and Windows. Supports Blackmagic Smart Control Pro and Blackmagic Master Control Pro hardware panels. Includes Blackmagic Videohub SDK and Ethernet Videohub Control Protocol.

Control Panel Connection

Ethernet

Software

Software Control

Router control included free for Windows™ and Mac™.

Internal Software Upgrade

Via included updater application.

Operating Systems



Mac 14.0 Sonoma,
Mac 15.0 Sequoia or later.



Windows 10, 64-bit.
Windows 11.

Power Requirements

Power Supply

1 x Internal 100 - 240V AC 50/60Hz.
IEC power cable required. 1 x 12V DC
input with reverse polarity protection.

Power Usage

18.5W max.

Physical Specifications



Environmental Specifications

Operating Temperature 0° to 40° C (32° to 104° F)	Storage Temperature -20° to 60° C (-4° to 140° F)	Relative Humidity 0% to 90% non-condensing
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What's Included

Blackmagic Videohub Mini 6x2 12G
Welcome wallet with QR code for software download

Warranty

1 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller