

# 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

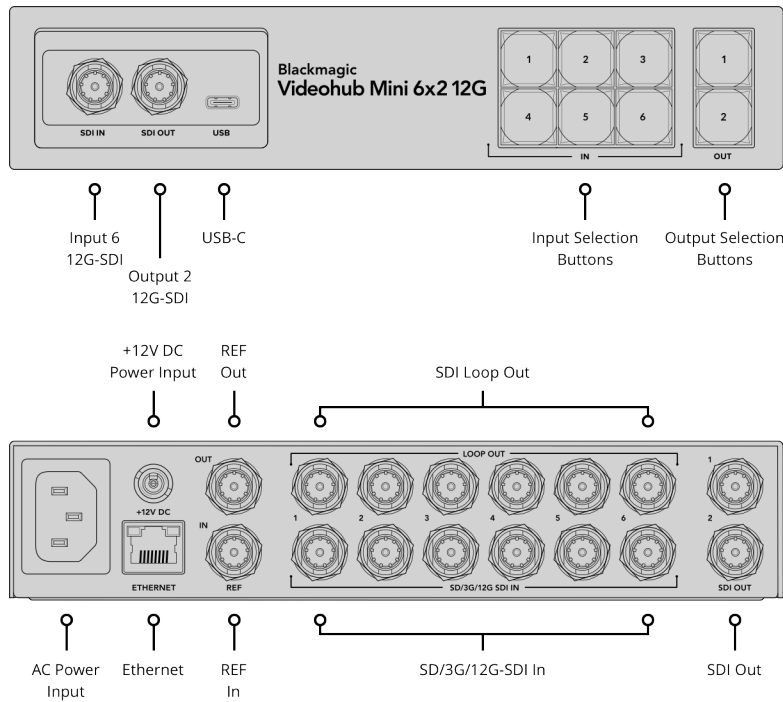
USB-C

### 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

---

## What's Included

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

---

## Warranty

1 Year Limited Manufacturer's Warranty.

All items on this website are copyright Blackmagic Design Pty. Ltd. 2026, all rights reserved. All trademarks are property of their respective owners. MSRP includes duties, but excludes sales tax and shipping costs. This website uses remarketing services to advertise on third party websites to previous visitors to our site. You can opt out at any time by changing cookie settings. [Privacy Policy](#)

Blackmagic Design Authorized Reseller