

## Blackmagic Videohub 120x120 12G



Blackmagic Videohub 120x120 12G is an advanced zero latency video router that supports any combination of SD, HD and Ultra HD on the router at the same time. The 12G-SDI inputs feature LEDs on each BNC that indicate an SDI signal, plus there are 12G-SDI outputs, redundant power and reference connections in a four rack unit design. The large HD LCD lets you see video before routing and clearly displays routing labels and video standards. Routing can be performed by direct button selection and using the large spin knob control that has an electronic clutch. It also features SDI re-clocking, external Ethernet control and supports all SDI video standards up to 2160p60.

14 559 €\*  
 \*incl. MwSt. und Versandkosten

### Anschlüsse

#### SDI-Videoeingänge

120

#### Videoeingänge mit Resync

Keine

#### Referenzausgänge

Reference terminating loop output.

#### SDI-Videoausgänge

120

#### SDI-Neutaktung

On all SDI outputs.

#### Ethernet

Supports 10/100/1000 BASE-T.

#### SDI-Raten

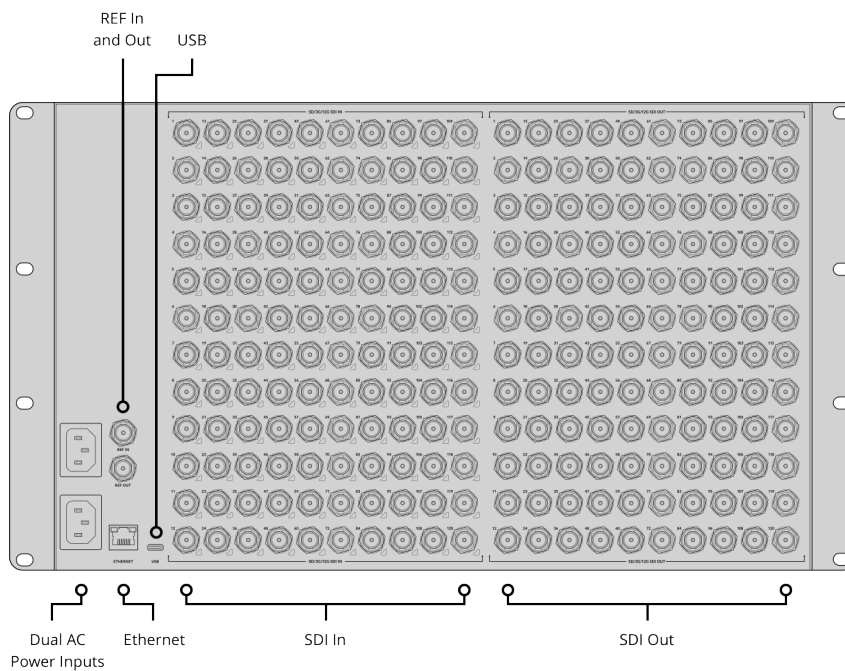
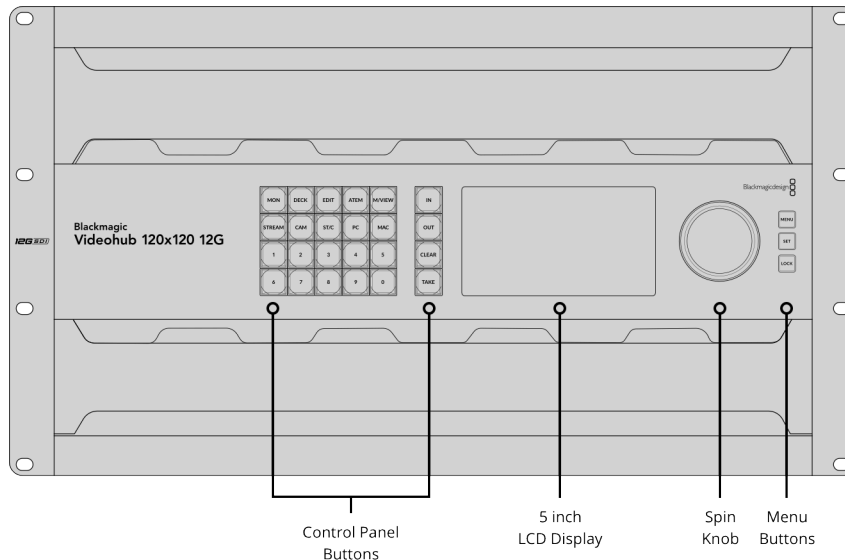
DVB-ASI, 270Mb, 1.5G, 3G, 6G, 12G.

#### Referenzeingänge

Tri-Sync or Black Burst.

#### Computer-Schnittstelle

USB-C



## Normen

### SD-Videonormen

525i/59,94 NTSC; 625i/50 PAL

### HD-Videonormen

720p/50; 720p/59,94; 720p/60  
 1080i/50; 1080i/59,94; 1080i/60  
 1080p/23,98; 1080p/24; 1080p/25;  
 1080p/29,97; 1080p/30; 1080p/47,95;  
 1080p/48; 1080p/50; 1080p/59,94;  
 1080p/60  
 1080PsF/23,98; 1080PsF/24; 1080PsF/  
 25; 1080PsF/29,97; 1080PsF/30

### 2K-Videonormen

2Kp/23,98 DCI; 2Kp/24 DCI; 2Kp/25  
 DCI; 2Kp/29,97 DCI; 2Kp/30 DCI; 2Kp/  
 47,95 DCI; 2Kp/48 DCI; 2Kp/50 DCI;  
 2Kp/59,94 DCI; 2Kp/60 DCI  
 2KPsF/23,98 DCI; 2KPsF/24 DCI;  
 2KPsF/25 DCI; 2KPsF/29,97 DCI;  
 2KPsF/30 DCI

### Ultra-HD-Videonormen

2160p/23,98; 2160p/24; 2160p/25;  
 2160p/29,97; 2160p/30; 2160p/47,95;  
 2160p/48; 2160p/50; 2160p/59,94;  
 2160p/60

### 4K-Videonormen

4Kp/23,98 DCI; 4Kp/24 DCI; 4Kp/25  
 DCI; 4Kp/29,97 DCI; 4Kp/30 DCI; 4Kp/  
 47,95 DCI; 4Kp/48 DCI; 4Kp/50 DCI;  
 4Kp/59,94 DCI; 4Kp/60 DCI

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**SDI-Konformität**

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

**SDI-Audioabtastrfrequenz**

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

**SDI-Videoabtastrfrequenz**

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

**SDI-Farbgenauigkeit**

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-Farbraum**

REC 601, REC 709, REC 2020

**Automatische SDI-Umschaltung**

Automatically selects between 270Mb  
SD-SDI, 1.5G HD-SDI, 3G level A and  
level B HD-SDI, 6G HD-SDI, 12G-SDI  
and DVB-ASI on each input so that  
each input can be running a different  
television standard.

**Unterstützte SDI-Metadaten**

Video payload identification ancillary  
data as per SMPTE 352M.

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## Steuerung

**Integrierte Frontblende**

24 buttons for local control of  
Videohub with 3 buttons and search  
dial for menu control. 5 inch color  
display.

**Externe Steuerung**

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

**Bedienpultanschluss**

Ethernet

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## Software

**Softwaresteuerung**

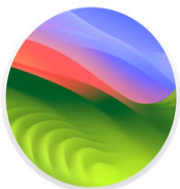
Router control included free for  
Windows™ and Mac™.

**Produktsoftware-Upgrade**

Via included updater application.

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## Betriebssysteme



Mac 13.0 Ventura,  
Mac 14.0 Sonoma oder höher



Windows 10, 64-Bit  
Windows 11

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## Bildschirme

**Bildschirme**

Built in 5 inch LCD for video and  
menu settings.

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## Strombedarf

### **Stromversorgung**

2 x Internal 100 - 240V AC 50/60Hz.  
IEC power cables required.

### **Netzausfallschutz**

Crosspoint connections preserved  
and restored instantly at power on.

### **Energieverbrauch**

140 W max.

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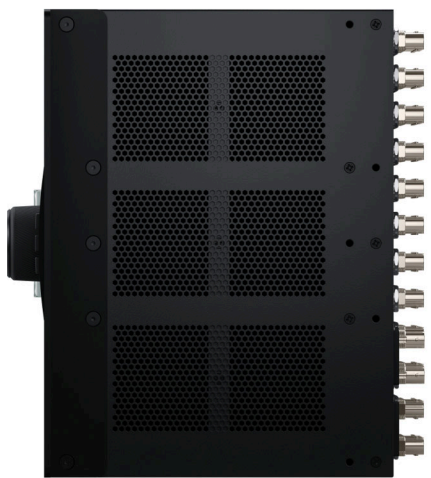
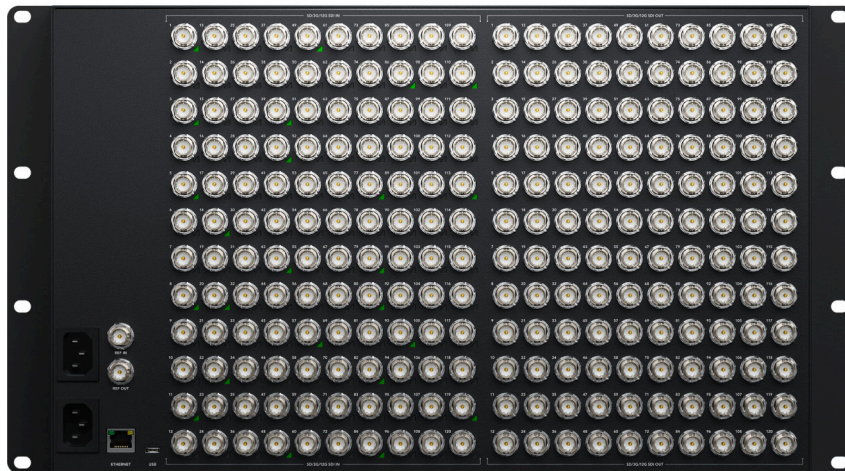
## Physische Installation

6 rack units height.

# Physische Spezifikationen



482 mm



266 mm

242 mm



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## Umgebung

**Betriebstemperatur**

0° to 40° C (32° to 104° F)

**Lagerungstemperatur**

-20° to 60° C (-4° to 140° F)

**Relative Luftfeuchtigkeit**

0% to 90% non-condensing

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## Im Lieferumfang enthalten

Blackmagic Videohub 120x120 12G

Startermappe mit QR-Code zum Download der Software

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## Garantie

3 Year Limited Manufacturer's Warranty, and 12 Month Warranty on the front panel.

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