

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 €*^{*}

Anschlüsse

SDI-Videoeingänge

120

SDI-Videoausgänge

120

SDI-Raten

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

Videoeingänge mit Resync

Keine

SDI-Neutaktung

On all SDI outputs.

Referenzeingänge

Tri-Sync or Black Burst.

Referenzausgänge

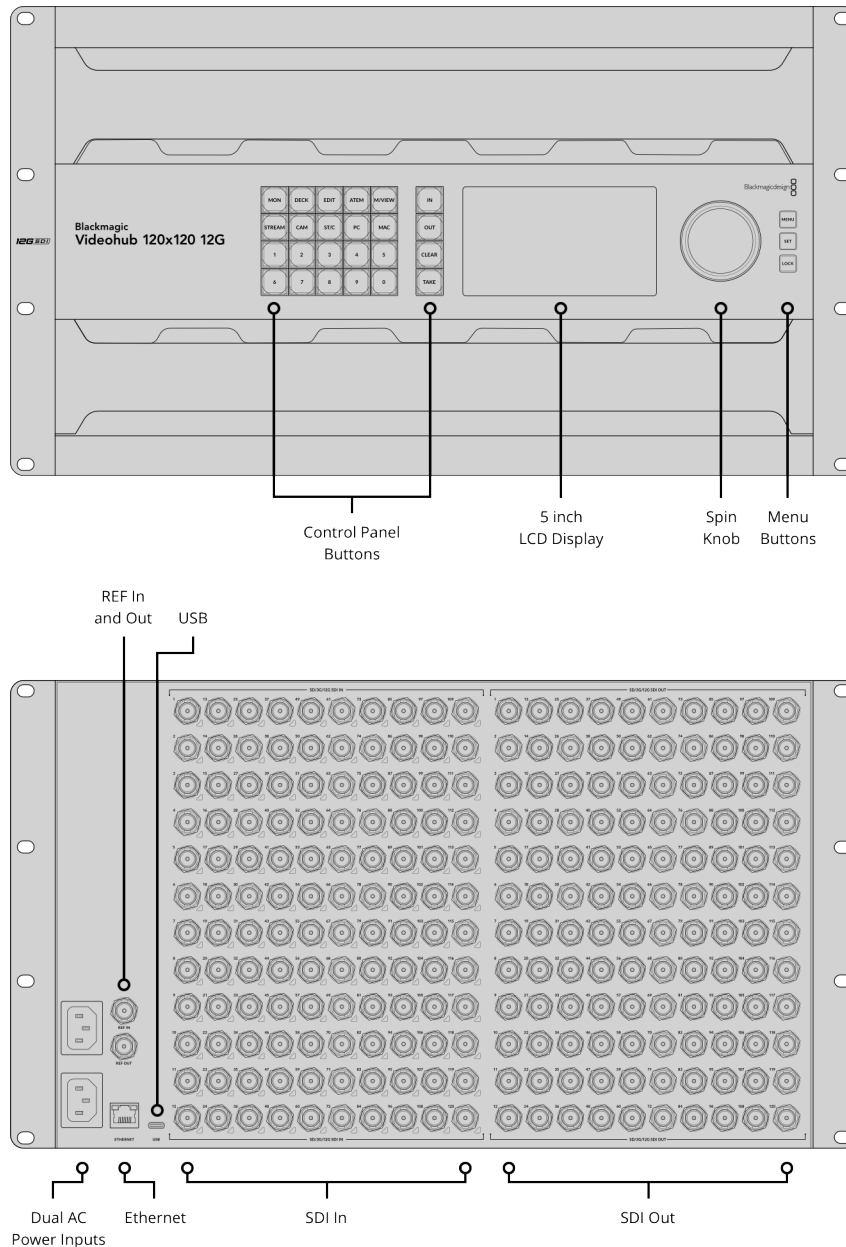
Reference terminating loop output.

Ethernet

Supports 10/100/1000 BASE-T.

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

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-Audioabtastfrequenz

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

SDI-Videoabtastfrequenz

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.

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

Software

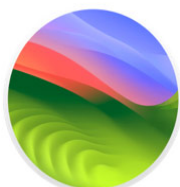
Softwaresteuerung

Router control included free for
Windows™ and Mac™.

Produktsoftware-Upgrade

Via included updater application.

Betriebssysteme



Mac 13.0 Ventura,
Mac 14.0 Sonoma oder höher



Windows 10, 64-Bit
Windows 11

Bildschirm

Bildschirme

Built in 5 inch LCD for video and
menu settings.

Strombedarf

Stromversorgung

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

Netzausfallschutz

Crosspoint connections preserved
and restored instantly at power on.

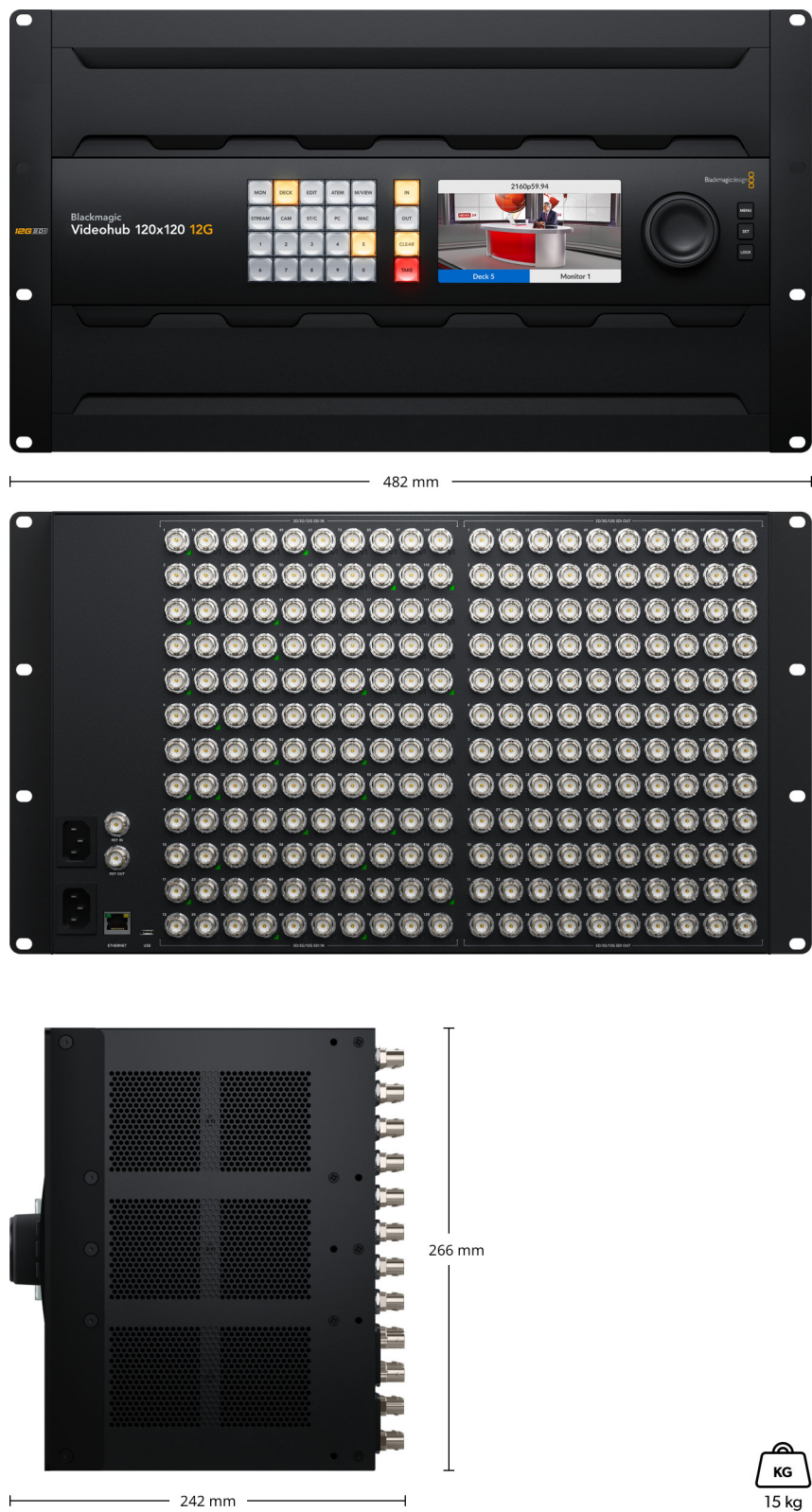
Energieverbrauch

140 W max.

Physische Installation

6 rack units height.

Physische Spezifikationen



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

Im Lieferumfang enthalten

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Startermappe mit QR-Code zum Download der Software

Garantie

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

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