

Blackmagic 2110 IP Mini IP to HDMI SFP



Blackmagic 2110 IP Mini IP to HDMI SFP lets you monitor 2110 IP video and audio on any HDMI monitor or TV over long distances. Its compact design means it can be placed behind displays, while it connects to a standard SFP socket that supports a 10G optical fiber Ethernet module, so you connect it over long distances. Blackmagic 2110 UP Mini IP to HDMI SFP also supports 3G, 6G and 12G optical fiber SDI modules for regular SDI video compatibility. Powers from the included 12V DC power supply.

\$295

Connections

HDMI Video Outputs

1

HDMI Audio Outputs

8 Ch embedded audio on SDI loop output.

SMPTE ST-2110 IP Video Inputs

1 x 10G Ethernet

SMPTE ST-2110 IP Video Outputs

16 Ch embedded audio on ST-2110 IP video via 10G Ethernet.

Ethernet

1 x 10Gb/s RJ-45 PoE++ connector supporting 10/100/1000/10G BASE-T for SMPTE-2110 IP video in, configuration and firmware updates.

Computer Interface

1 x USB-C 3.0 for configuration and firmware updates.



SDI Video Standards

HDMI SD Video Standards

525i59.94 NTSC, 625i50 PAL

HDMI 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

HDMI Ultra HD Video Standards

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

HDMI 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 and 4Kp60 DCI.

SMPTE Compliance

SMPTE ST2110-20, SMPTE ST2110-21,
SMPTE ST2110-30, SMPTE ST2110-40.

HDMI Color Precision

4:2:2

HDMI Color Space

YUV

IP Video Compliance

SMPTE 2110-20**(Uncompressed Video)**

IGMP v2

SMPTE 2110-21 (Traffic Shaping)

Sender: Narrow

Receiver: Narrow, Wide Synchronous,
Asynchronous

SMPTE 2110-30 (PCM)

Audio Conformance level: Level C

SMPTE 2110-40 (Ancillary Data)

Full access to entire SMPTE ancillary
data stream. Includes RP 188/SMPTE
12M-2, closed captioning and HDR
static metadata.

Codec

Blackmagic IP10 codec used when
converting 12G-SDI rates to 10G 2110
IP video.

Precision Time Protocol

IEEE 1588-2008 (PTP v2)
ST 2059-1
ST 2059-2

NMOS IS-04 Discovery and**Registration**

v1.3.2

Peer-to-peer via mDNS/DNS-SD

NMOS IS-05 Connection**Management**

v1.1.2

NMOS BCP-002-01

Natural Grouping

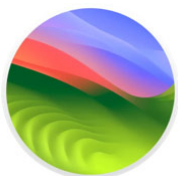
NMOS BCP-004-01

Receiver capabilities

Displays

1 x IP Input Lock LED indicator light

Operating Systems



Mac 13.0 Ventura,
Mac 14.0 Sonoma or later.



Windows 10 and 11.

Power Requirements

Power Supply

1 x +12V DC external universal power supply with locking 5.5mm barrel Jack plus international socket adapters for most countries.

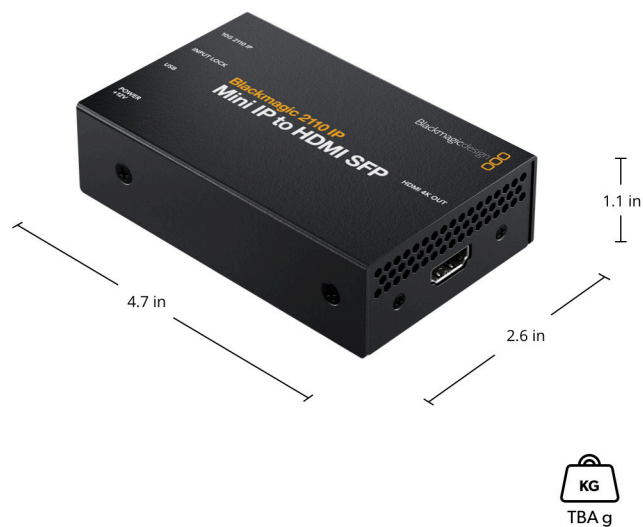
Operational Voltage Range

12 - 16 V

Power Usage

TBA

Physical Specifications



Environmental Specifications

Operating Temperature

5° to 40° C (41° to 104° F)

Storage Temperature

-20° to 45° C (-4° to 113° F)

Relative Humidity

0% to 90% non-condensing

What's Included

Blackmagic 2110 IP Mini IP to HDMI SFP

Welcome wallet with QR code for software download

Warranty

12 Month Limited Manufacturer's Warranty.

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