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.

$369

Connections

HDMI Video Outputs
1

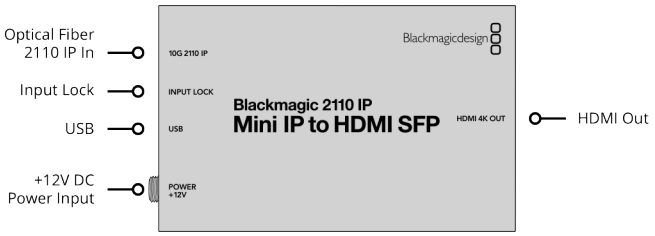
HDMI Audio Outputs
8 Ch embedded audio on SDI loop output.

SMPTE ST-2110 IP Video Inputs
1 x 10G Ethernet

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

Ethernet
1 x 10Gb/s SFP optical fibre sockets supporting up to 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.



Video Standards

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 v3

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.

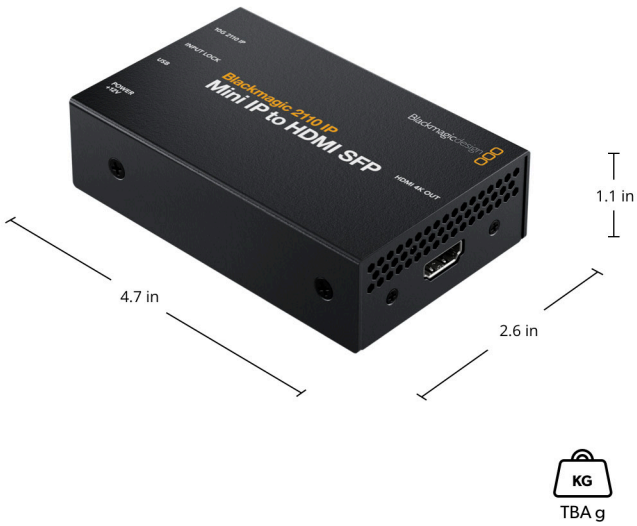
Power Requirements

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

1 Year Limited Manufacturer's Warranty.

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