

Blackmagic Video Assist 7" 12G HDR



Blackmagic Video Assist 7" 12G HDR adds professional monitoring and recording to any SDI or HDMI camera in all HD, Ultra HD, 2K and 4K DCI formats! The super bright 2500nit 7 inch HDR monitor supports 3D LUTs and features professional scopes along with powerful focus assist and exposure tools that help you accurately set focus, exposure and frame shots. Dual built in SD card recorders save files from any camera in 10-bit 4:2:2 ProRes or DNx formats. You also get two mini XLR connections with 48V of phantom power and a noise floor of -128dBV for high quality, crystal clear audio recording. Plus, you can start editing immediately because you don't have to convert the files!

\$915

Connections

SDI Video Inputs

1

SDI Video Outputs

1

SDI Rates

270Mb, 1.5G, 3G, 6G, 12G.

HDMI 2.0a Video Inputs

1

HDMI 2.0a Video Outputs

1

Analog Audio Inputs

2 x balanced mini XLR with phantom power

Analog Audio Outputs

1 x 3.5 mm headphone jack.

Built in Speaker

Mono

Screen Dimensions

7 inch 1920 x 1200.

Screen Brightness

2500nits

Screen Color

P3 wide color gamut

SDI Audio Inputs

16 channels embedded via 12G-SDI

SDI Audio Outputs

16 channels embedded via 12G-SDI

HDMI Audio Inputs

8 channels embedded via HDMI 2.0a

HDMI Audio Outputs

8 channels embedded via HDMI 2.0a

Remote Control

1 x 2.5mm LANC for Record Start and Stop.

SD Interface

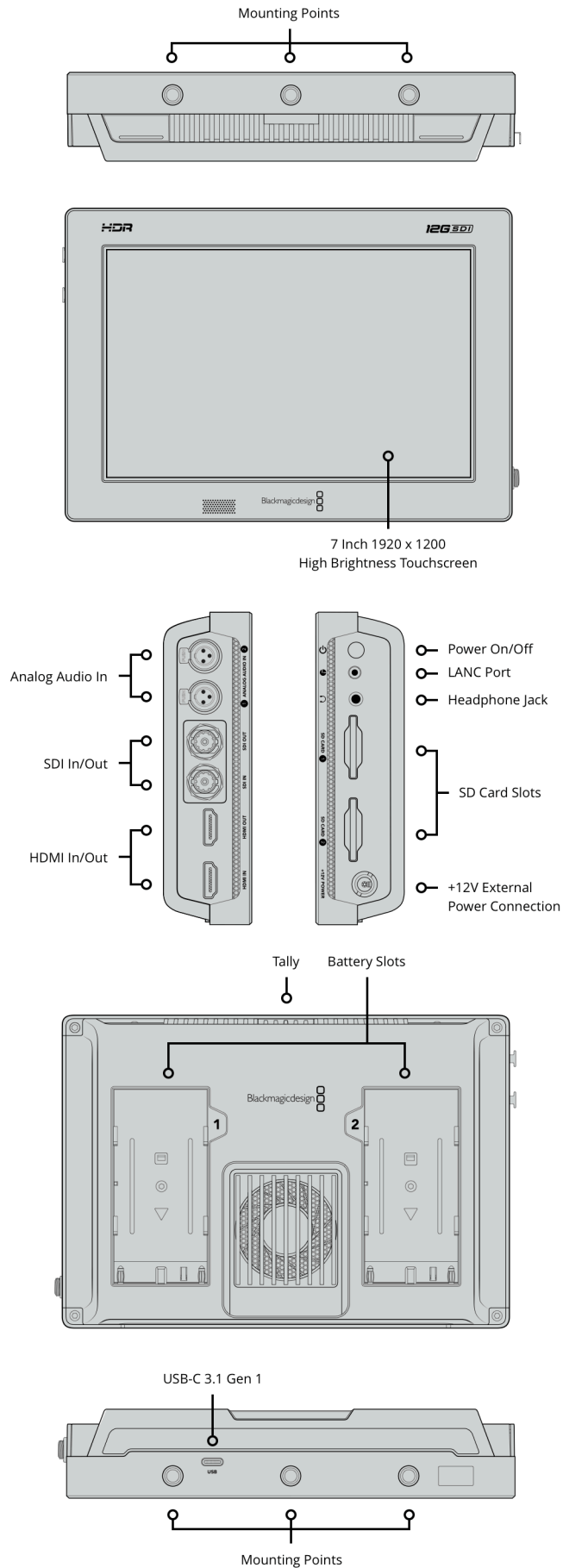
Dual UHS-II SD slots

Storage Type

Removable SDXC UHS-II, SDXC UHS-I and SDHC UHS-I SD cards. Supports DS, HS, SDR12, SDR25, DDR50, SDR50 and SDR104 SD cards.

Computer Interface

1 x USB Type-C 3.1 Gen 1 for external drive recording, webcam out, initial setup, software updates and Video Assist Utility software control.



SDI Video Standards

SD Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080PsF23.98, 1080PsF24,
1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

2K Video Standards

2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI,
2Kp29.97 DCI, 2Kp30 DCI
2KPsF23.98 DCI, 2KPsF24 DCI,
2KPsF25 DCI, 2KPsF29.97 DCI,
2KPsF30 DCI

Ultra HD Video Standards

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

4K Video Standards

4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI,
4Kp29.97 DCI, 4Kp30 DCI

SDI Compliance

SMPTE 259M, SMPTE 292M,
SMPTE 296M, SMPTE 425M,
SMPTE 2084

SDI Metadata Support

HD RP188

Audio Sampling

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

Video Sampling

4:2:2 YUV

Color Precision

10-bit

Color Space

REC 601, REC 709, REC 2020

HDR Support

HDR10, Hybrid Log Gamma

Multiple Rate Support

SDI and HDMI switches between
270 Mb/s, 1.5 Gb/s, 3 Gb/s, 6 Gb/s
and 12 Gb/s

SDI RAW

Blackmagic RAW

HDMI Video Standards

SD Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60

Ultra HD Video Standards

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

4K Video Standards

4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI

HDMI Color Precision

10-bit

HDR Support

HDR10, Hybrid Log Gamma

Copy Protection

HDMI input is unable to capture from
copy protected HDMI sources. Always
confirm copyright ownership before
capture or distribution of content.

Media

Media

2 x UHS-II SD for Ultra HD,
compatible with regular SD for
HD recording. USB Type-C 3.1 Gen 1
for external drive recording.

Media Type

SDXC UHS-II, SDXC UHS-I and SDHC
UHS-I SD cards.

Supported Codecs

Blackmagic RAW Constant Bitrate 3:1,
Blackmagic RAW Constant Bitrate 5:1,
Blackmagic RAW Constant Bitrate 8:1,
Blackmagic RAW Constant Bitrate
12:1, Blackmagic RAW Constant
Quality Q0, Blackmagic RAW Constant
Quality Q5,

Apple ProRes 422 HQ, Apple ProRes
422, Apple ProRes 422 LT, Apple
ProRes 422 Proxy, DNxHR HQX,
DNxHR SQ, DNxHR LB, DNxHR HQX
MXF, DNxHR SQ MXF, DNxHR LB MXF.

Control

Recorder Control

Integrated capacitive touchscreen
LCD with onscreen controls for
settings and navigating menus.

External Control

LANC, SDI and HDMI start/stop and
timecode run.

Blackmagic RAW

Supported Cameras

Canon

Canon EOS C300 Mark II

FUJIFILM

FUJIFILM GFX100
FUJIFILM GFX100 II
FUJIFILM GFX100S
FUJIFILM GFX100S II
FUJIFILM X-H2s
FUJIFILM X-H2
FUJIFILM X-M5
FUJIFILM X-T5
FUJIFILM X-T50
FUJIFILM X-S20

Leica

Leica SL2-S
Leica SL3-S

Nikon

Nikon Z 6
Nikon Z 7
Nikon Z 6II
Nikon Z 7II

Sony

Sony FX3
Sony FX30

Panasonic

Panasonic AU-EVA1
Panasonic AW-UB10
Panasonic AW-UB50
Panasonic LUMIX BGH1
Panasonic LUMIX BS1H
Panasonic LUMIX GH5S
Panasonic LUMIX GH6
Panasonic LUMIX GH7
Panasonic LUMIX G9II
Panasonic LUMIX S1
Panasonic LUMIX S1II
Panasonic LUMIX S1IIE
Panasonic LUMIX S1H
Panasonic LUMIX S1RII
Panasonic LUMIX S5
Panasonic LUMIX S5D
Panasonic LUMIX S5II
Panasonic LUMIX S5IIX

SIGMA

SIGMA fp
SIGMA fp L

Z CAM

Z CAM E2
Z CAM E2-M4
Z CAM E2-F6
Z CAM E2-S6

Software

Software Included

Blackmagic OS

Scopes

Scopes

Waveform, RGB Parade, Vector,
RGB Histogram.

Viewing Modes

Scopes with picture in picture or
picture overlay and opacity control.
Waveform and Parade with standard
and HDR graticules.

Operating Systems



Mac 13.0 Ventura,
Mac 14.0 Sonoma or later.



Windows 11

Power Requirements

Power Supply

1 x External 12V power supply.
Compatible with Sony NP-F style
batteries.
(batteries not included)

Physical Specifications



Environmental Specifications

Operating Temperature

0° to 40° C (32° to 104° F)

Storage Temperature

-20° to 45° C (-4° to 113° F)

Relative Humidity

0% to 90% non-condensing

What's Included

- Blackmagic Video Assist 7" 12G HDR
- Universal power supply with locking connector and international adapters
- NP-F series battery USB charger

Warranty

1 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller