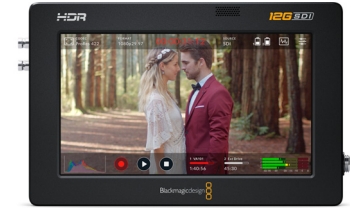


Blackmagic Video Assist 5" 12G HDR



Blackmagic Video Assist 5" 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 5 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. The built in SD card recorder save files in broadcast quality 10-bit 4:2:2 ProRes or DNx formats. The files are all standard, so you can start editing immediately without having to convert them!

\$595

Connections

SDI Video Inputs

1 x Micro BNC

SDI Video Outputs

1 x Micro BNC

SDI Rates

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

HDMI 2.0a Video Inputs

1

HDMI 2.0a Video Outputs

1

Analog Audio Inputs

None, embedded audio only.

Analog Audio Outputs

1 x 3.5 mm headphone jack.

Built in Speaker

Mono

Screen Dimensions

5 inch 1920 x 1080.

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

None

SD Interface

1 x UHS-II SD slot.

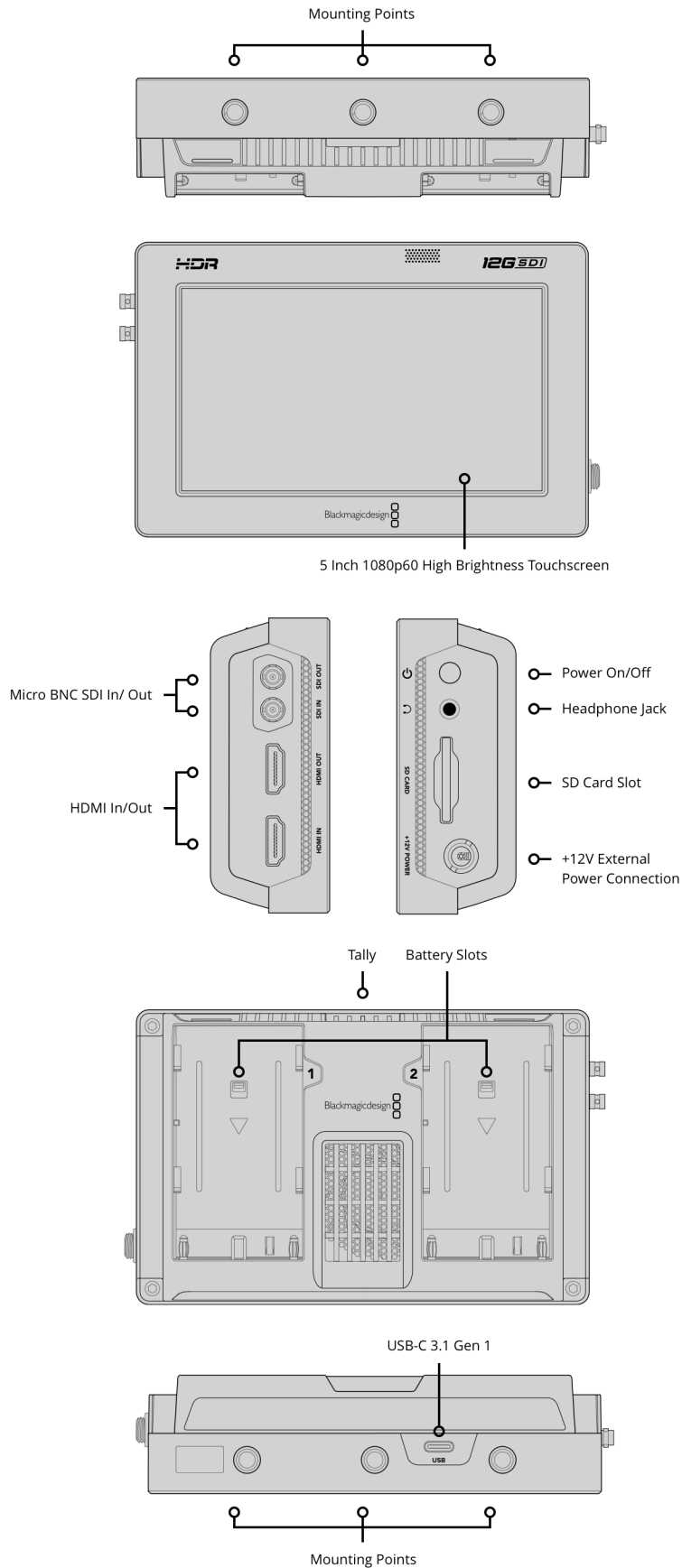
Storage Type

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

1 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 Blackmagic OS onscreen
controls for settings and
navigating menus.

External Control

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 X-H2s,
FUJIFILM X-H2,
FUJIFILM X-T5,
FUJIFILM X-S20,

Leica

Leica SL2-S,

Nikon

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

Panasonic

Panasonic AU-EVA1,
Panasonic LUMIX BGH1,
Panasonic LUMIX BS1H,
Panasonic LUMIX GH5S,
Panasonic LUMIX GH6,
Panasonic LUMIX G9II,
Panasonic LUMIX S1,
Panasonic LUMIX S1H,
Panasonic LUMIX S5,
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 10.14 Mojave,
Mac 10.15 Catalina or later.



Windows 8.1 and 10.

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 5" 12G HDR

Universal power supply with locking connector and international adapters

Warranty

12 Month Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller