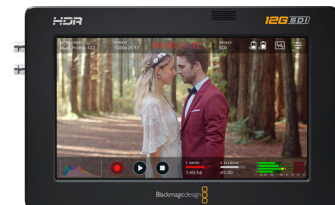


## Blackmagic Video Assist 5" 12G HDR



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!

£649

### 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.

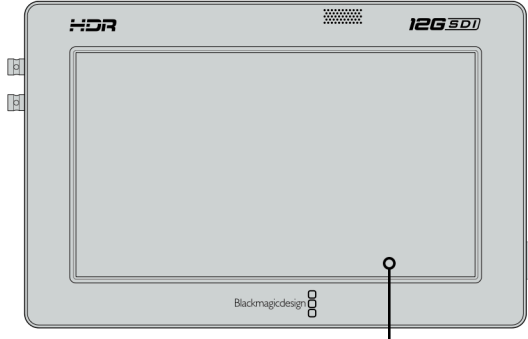
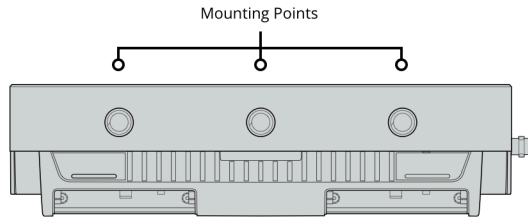
#### Storage Type

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

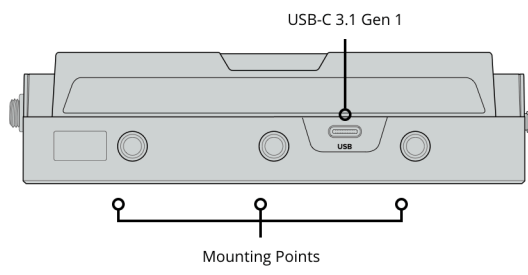
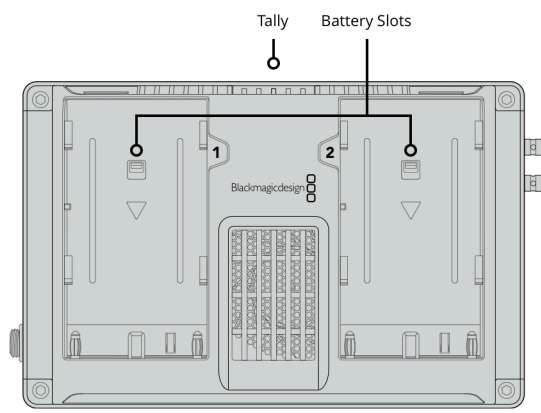
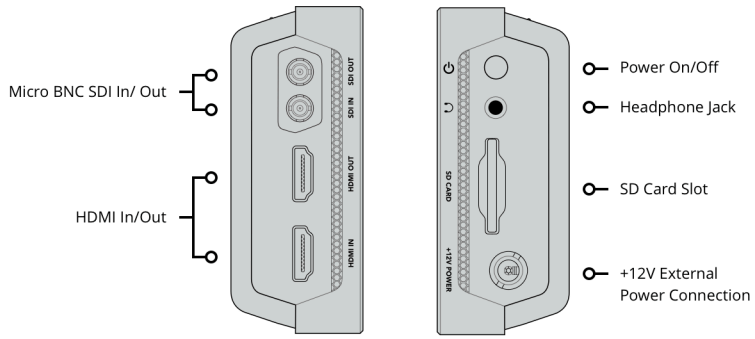
Supports DS, HS, SDR12, SDR25, DDR50, SDR50 and SDR104 SD cards.

#### 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.



5 Inch 1080p60 High Brightness Touchscreen



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## 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

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## 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.

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## 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.

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## 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.

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## 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.

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## Blackmagic RAW

### Supported Cameras

#### Canon

Canon EOS C300 Mark II,

#### FUJIFILM

FUJIFILM GFX100,  
FUJIFILM GFX100S,  
FUJIFILM XH2s,  
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 GH5S,  
Panasonic LUMIX GH6,  
Panasonic LUMIX BGH1,  
Panasonic LUMIX BS1H,  
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

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## Software

### Software Included

Blackmagic OS

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## 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.

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## Operating Systems



Mac 10.14 Mojave,  
Mac 10.15 Catalina or later.



Windows 8.1 and 10.

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## Power Requirements

### Power Supply

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

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## Physical Specifications



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## 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

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## What's Included

Blackmagic Video Assist 5" 12G HDR  
Universal power supply with locking connector and international adapters

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## Warranty

12 Month Limited Manufacturer's Warranty.

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