

# Blackmagic Video Assist 5" 3G



Blackmagic Video Assist 5" 3G is a portable monitor, a professional recorder, a portable scope and a fantastic camera viewfinder solution! You can also add better quality record codecs and a larger monitor to any SDI or HDMI camera! The new design has innovations such as 4 built in scopes, enhanced focus assist features, a tally indicator and built in 3D LUTs. The Video Assist 5" 3G support formats up to 1080p60 and the new design also has L-Series batteries for longer life. Blackmagic Video Assist 5" 3G really is 4 products in one!

## Connections

### SDI Video Inputs

1 x Micro BNC

### SDI Video Outputs

1 x Micro BNC

### SDI Rates

270Mb, 1.5G, 3G

### HDMI Video Inputs

1

### HDMI Video Outputs

1

### Analog Audio Inputs

None, embedded audio only.

### Analog Audio Outputs

1 x 3.5mm headphone jack.

### Built in Speaker

Mono

### Screen Dimensions

5 inch 1920 x 1080.

### Screen Brightness

300nits

### SDI Audio Inputs

16 channels embedded via SDI

### SDI Audio Outputs

16 channels embedded via SDI

### HDMI Audio Inputs

8 channels embedded via HDMI

### HDMI Audio Outputs

8 channels embedded via HDMI

### Remote Control

None

### SD Interface

1 x UHS-I SD slot.

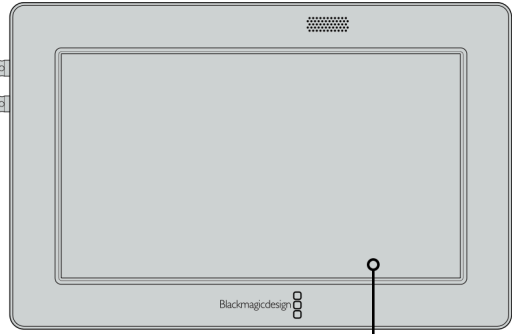
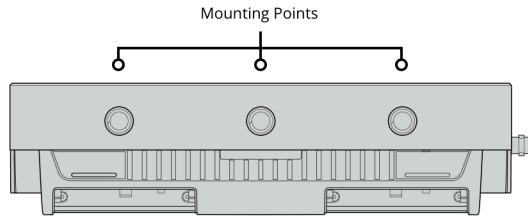
### Storage Type

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

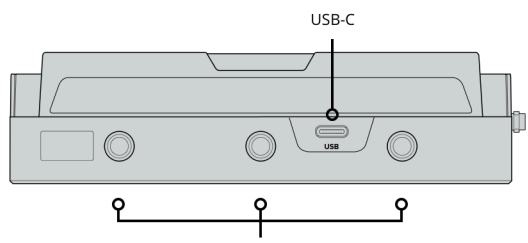
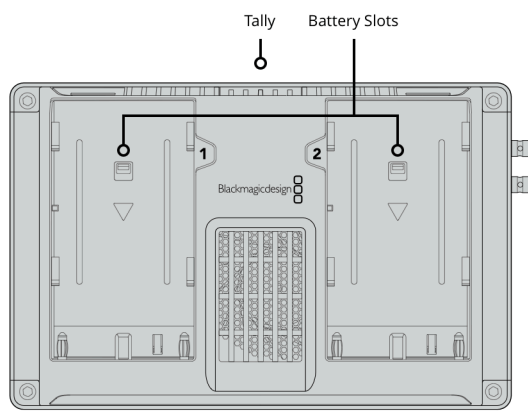
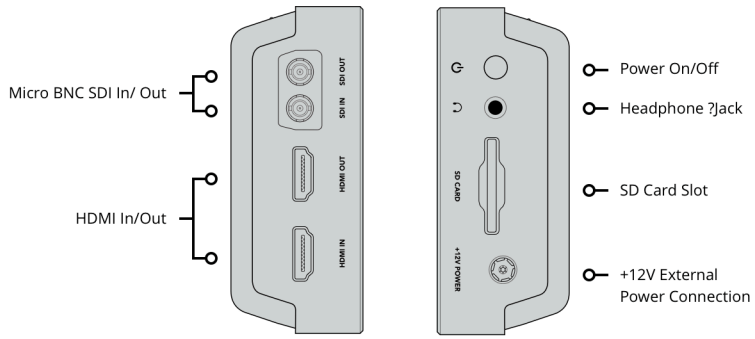
Supports DS, HS, SDR12, SDR25, DDR50, SDR50 and SDR104 SD cards.

### Computer Interface

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



5 Inch 1080p60 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

### SDI Compliance

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

### 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

### Multiple Rate Support

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

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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

### HDMI Color Precision

10-bit

### 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-I SD for HD recording.

### Media Type

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

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## Supported Codecs

ProRes 422 HQ, ProRes 422, ProRes  
422 LT, ProRes 422 Proxy, DNxHD  
220x, DNxHD 145, DNxHD 45, DNxHD  
220x MXF, DNxHD 145 MXF, DNxHD  
45 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, timecode run.

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## Software

### Software Included

Blackmagic OS

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## Scopes

### Scopes

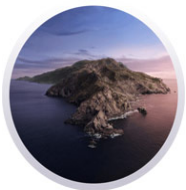
Waveform, RGB Parade, Vector, Histogram.

### Viewing Modes

Scopes with picture in picture or picture overlay and opacity control.

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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" 3G

Universal power supply with international adapters

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## Warranty

12 Month Limited Manufacturer's Warranty.

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