

# Blackmagic Video Assist



Blackmagic Video Assist adds professional monitoring and high quality recording to any camera. SDI and HDMI inputs mean you can connect to any video camera or DSLR's. The 5" full resolution HD monitor ensures perfect focus and framing and the professional ProRes and DNxHD recorder uses high speed SD cards and saves files compatible with modern NLE software. The touchscreen allows settings, histogram, audio meters, timecode display and much more. Slots for dual LP-E6 batteries.

**\$495**

## Connections

### SDI Video Input

1

### SDI Video Output

1

### SDI Rates

270Mb, 1.5G, 3G, 6G

### HDMI Video Input

1

### HDMI Video Output

1

### Analog Audio Input

None, embedded audio only.

### Analog Audio Output

1 x 3.5 mm stereo analog audio output jack.

### SDI Audio Input

2 channels embedded in SD and HD in QuickTime files, 2 channels in Avid DNxHD MXF files

### SDI Audio Output

2 channels embedded in SD and HD in QuickTime files, 2 channels in Avid DNxHD MXF files

### HDMI Audio Input

2 channels embedded in SD and HD QuickTime files and Avid DNxHD MXF files.

### HDMI Audio Output

2 channels embedded in SD and HD QuickTime files and Avid DNxHD MXF files.

### SD Interface

1 x UHS-1 SD slot

### Storage Type

Removable SDXC UHS-1 and SDHC UHS-1 cards. Supports DS, HS, SDR12, SDR25, DDR50, SDR50 and SDR104 SD cards.

Please refer to either the Manual or the Information Note at [www.blackmagicdesign.com/support](http://www.blackmagicdesign.com/support) for compatible media.

### Built-in Speaker

None.

### Screen Dimensions

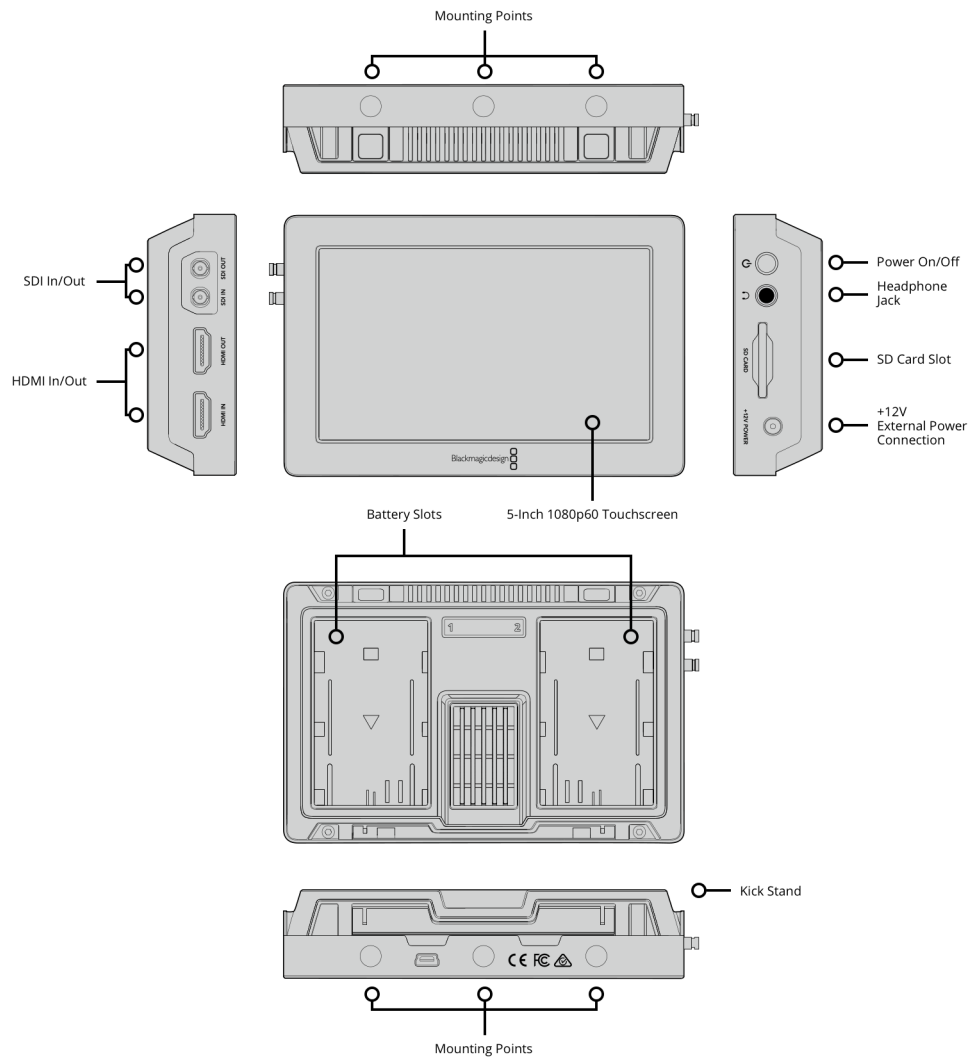
5" 1920 x 1080.

### Recorder Configuration

Via the device's USB port or the device's user interface.

### Computer Interface

1 x Mini-B USB 2.0 connector for initial setup, software updates and Video Assist Utility software control.



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## SDI Video Standards

### SD Format Support

525i59.94 NTSC, 625i50 PAL

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### HD Format Support

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

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### Ultra HD Format Support

2160p23.98, 2160p24, 2160p25,  
2160p29.97 and 2160p30. Monitoring  
only, down converts to HD.

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### SDI Compliance

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

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### SDI Metadata Support

HD RP188.

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### Audio Sampling

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

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### Video Sampling

4:2:2 YUV

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### Color Precision

10-bit

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### Color Space

REC 601, REC 709

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### Multiple Rate Support

SDI and HDMI switches between 270  
Mb/s SD , 1.5 Gb/s HD , and 3.0 Gb/s  
60P HD.

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## HDMI Video Standards

### SD Format Support

525i29.97 NTSC, 625i25 PAL

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### Ultra HD Format Support

2160p23.98, 2160p24, 2160p25,  
2160p29.97 and 2160p30.  
Monitoring only.

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### HDMI Color Precision

10-bit

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### 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 from SD/HD recording.

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### 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 Proxy, DNxHD 220x, DNxHD 145, DNxHD 45, DNxHD 220x MXF, DNxHD 145 I

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## Control

### Recorder Control

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

### External Control

SDI start/stop, timecode run.

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## Operating Systems



Mac OS X 10.10 Yosemite,  
Mac OS X 10.11 El Capitan  
or later.



Windows 8.1 or  
Windows 10.

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## Power Requirements

### Power Supply

1 x External 12V power supply.

LP-E6 Lithium-Ion batteries not  
included.

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## Physical Specifications



## Environmental Specifications

### Operating Temperature

5° to 40° C (41° to 104° F)

### Storage Temperature

-21° to 45° C (-6° to 113° F)

### Relative Humidity

0% to 90% non-condensing

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## What's Included

Blackmagic Video Assist

SD card with software and manual

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## Warranty

12 Month Limited Manufacturer's Warranty.

Excluding: batteries and cables which will be free from defects in  
materials and workmanship for a period of 12 months from the date of purchase.

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