

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 Inputs

1

SDI Video Outputs

1

SDI Rates

270Mb, 1.5G, 3G, 6G

HDMI Video Inputs

1

HDMI Video Outputs

1

Analog Audio Inputs

None, embedded audio only.

Analog Audio Outputs

1 x 3.5 mm stereo analog audio output jack.

SDI Audio Inputs

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

SDI Audio Outputs

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

HDMI Audio Inputs

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

HDMI Audio Outputs

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 for compatible media.

Built in Speaker

None.

Screen Dimensions

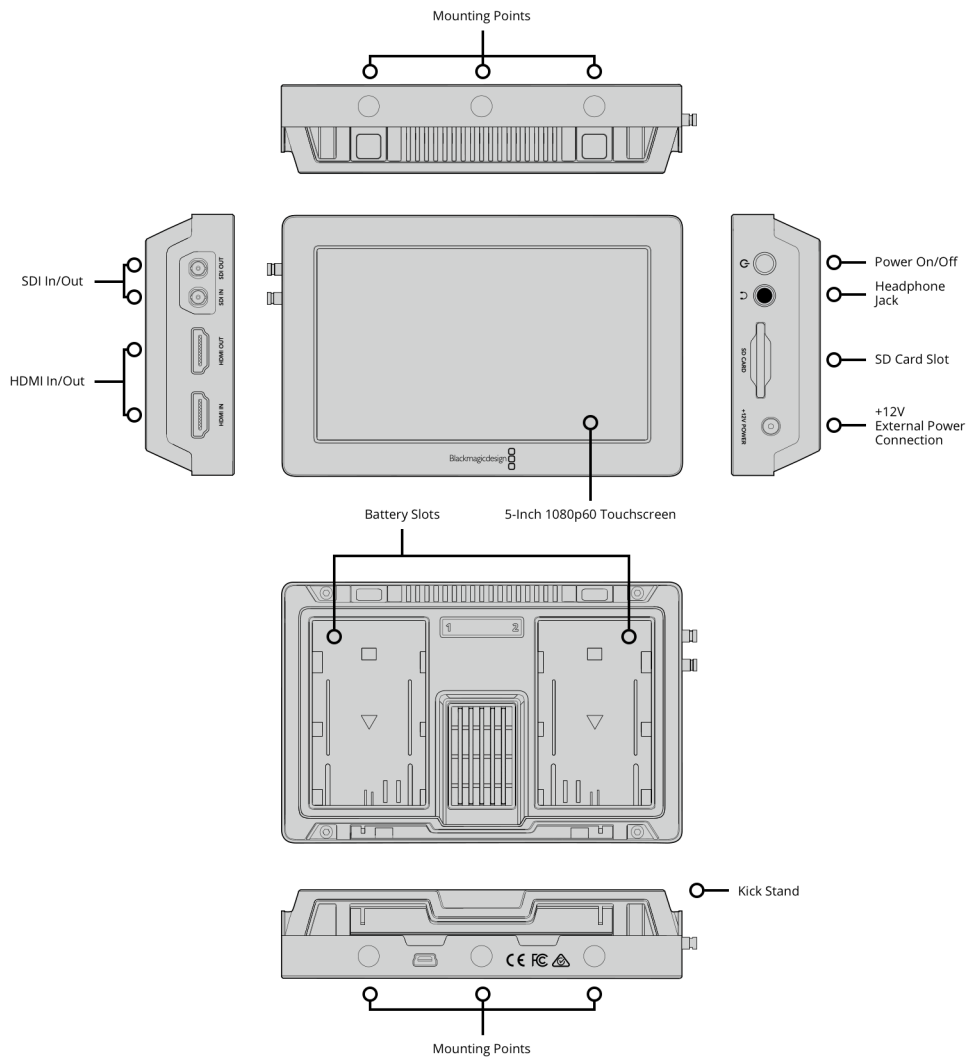
5" 1920 x 1080.

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.



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
1080i50, 1080i59.94, 1080i60

Ultra HD Video Standards

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

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 SD , 1.5 Gb/s HD , and 3.0 Gb/s
60P HD.

HDMI Video Standards

SD Video Standards

525i29.97 NTSC, 625i25 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.

Media

Media

1 x UHS-I from SD/HD recording.

Media Type

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

Supported Codecs

ProRes 422 HQ, ProRes 422, ProRes 422 LT, ProRes Proxy, DNxHD 220x, DNxHD 145, DNxHD 45, DNxHD 220x MXF, DNxHD 145 I

Control

Recorder Control

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

External Control

SDI start/stop, timecode run.

Operating Systems



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



Windows 8.1 or
Windows 10.

Power Requirements

Power Supply

1 x External 12V power supply.

LP-E6 Lithium-Ion batteries not
included.

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

What's Included

Blackmagic Video Assist

SD card with software and manual

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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