

Blackmagic Video Assist 4K



Now it's easy to add professional monitoring and broadcast quality recording to any SDI or HDMI camera! With a bright 7 inch monitor that's larger than the built in screen on most cameras, Video Assist 4K makes it easier to frame your shots and get absolutely perfect focus! The dual built in high speed UHS-II recorders use commonly available SD cards to record HD and Ultra HD video as professional 10-bit 4:2:2 ProRes or DNxHD files. Unlike DSLRs, which record heavily compressed files that are hard to use with video software, Video Assist records professional, 10 bit broadcast quality files such as ProRes and DNxHR that are compatible with all leading video software so you can start editing immediately, without time wasting file conversions!

\$895

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

2 x balanced mini XLR with phantom power

Analog Audio Output

1 x 3.5 mm stereo analog audio output jack.

Built in Speaker

Mono

Screen Dimensions

7" 1920 x 1200 capacitive touchscreen LCD.

SDI Audio Input

2 channels embedded via 6G-SDI

SDI Audio Output

2 channels embedded via 6G-SDI

HDMI Audio Input

2 channels embedded via HDMI 2.0a

HDMI Audio Output

2 channels embedded via HDMI 2.0a

Remote Control

1 x 2.5mm LANC for Record Start and Stop.

SD Interface

Dual UHS-II SD slots

Storage Type

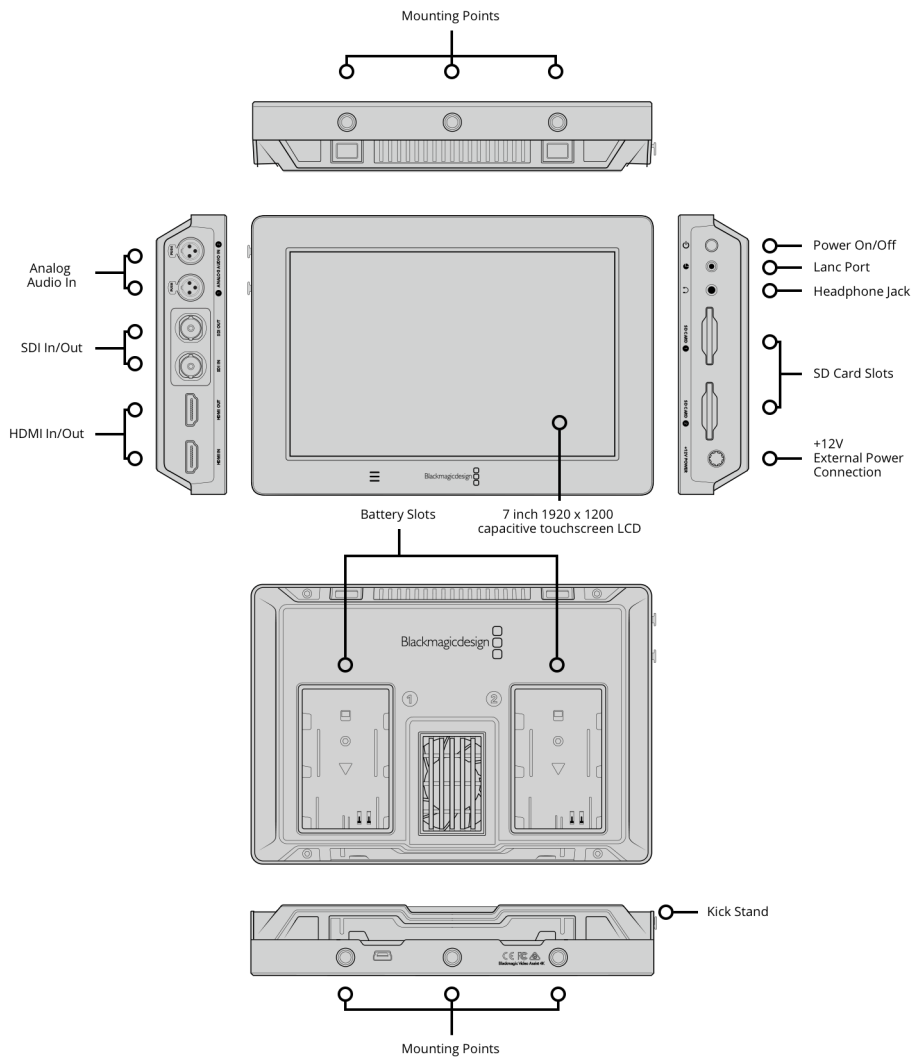
Removable SDXC UHS-II, SDXC UHS-I and SDHC UHS-I SD cards. Supports DS, HS, SDR12, SDR25, DDR50, SDR50 and SDR104 SD cards.

Please refer to either the Manual or the Information Note at www.blackmagicdesign.com/support for compatible media.**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 Format Support

525i59.94 NTSC, 625i50 PAL

HD Format Support

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

Ultra HD Format Support

2160p23.98, 2160p24, 2160p25,
 2160p29.97, 2160p30

SDI Compliance

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

Multiple Rate support

SDI and HDMI switches between 270
 Mb/s SD, 1.5 Gb/s HD, and 3.0 Gb/s
 60P HD plus 6.0 Gb/s 60p Ultra HD.

HDMI Video Standards

SD Format Support

525i29.97 NTSC, 625i25 PAL

HD Format Support

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

Ultra HD Format Support

2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30

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

2 x UHS-II SD for Ultra HD, compatible with regular SD for HD recording.

Media Type

SDXC UHS-II, 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 MXF, DNxHR HQX MXF, DNxHR HQX, DNxHR SQ, DNxHR LB, DNxHR SQ MXF, DNxHR LB MXF

Control

Recorder Control

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

External Control

LANC, 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
0° to 40° C (32° 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 4K
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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