Blackmagicdesign

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 x SD/HD/Ultra HD 6G-SDI via BNC

SDI Video Output
1 x SD/HD/Ultra HD 6G-SDI via BNC

HDMI Video Input
1 x HDMI 2.0a connector

HDMI Video Output
1 x HDMI 2.0a connector

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

Analog Audio Input
2 x balanced mini XLR with phantom power

Analog Audio Output
1 x 3.5 mm stereo analog audio output jack.

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 Control
Integrated capacitive touchscreen LCD with onscreen controls for settings and navigating menus.
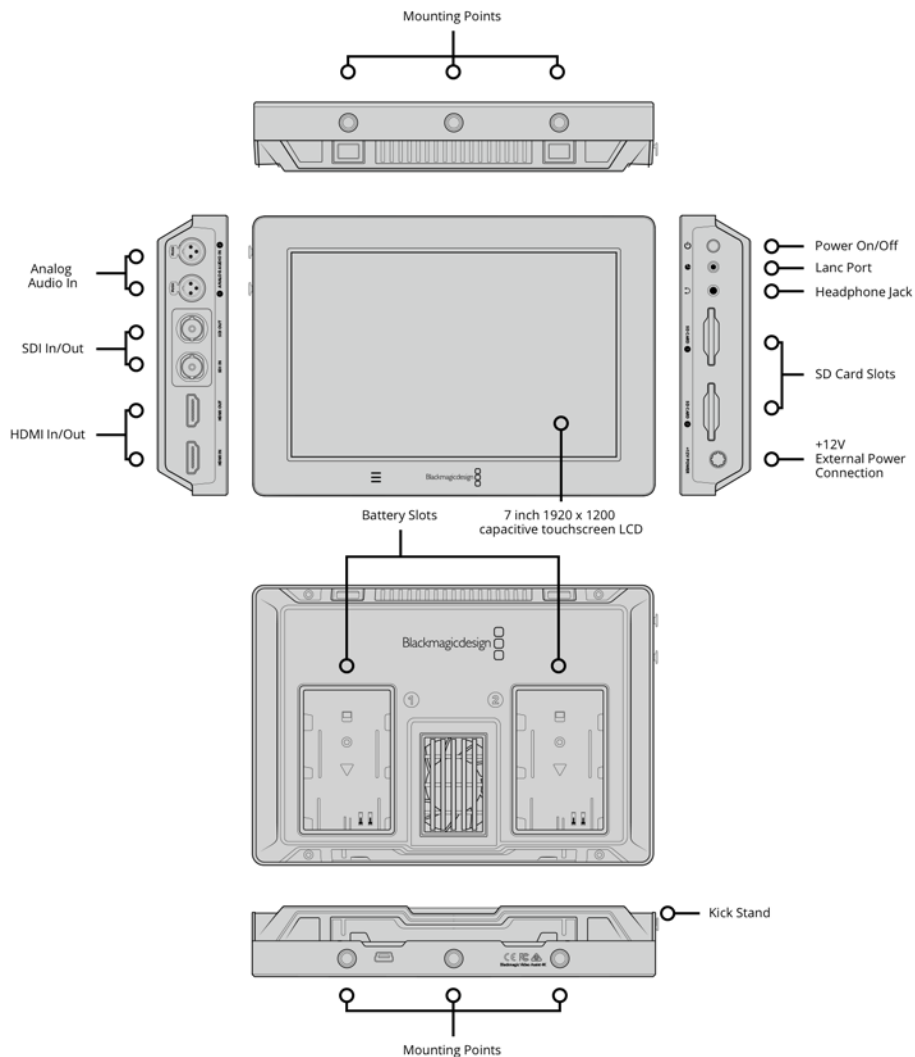
Screen Dimensions
7" 1920 x 1200 capacitive touchscreen LCD.

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.

Mounting Points

Analog Audio In

SDI In/Out

HDMI In/Out

Power On/Off
Lanc Port
Headphone Jack

SD Card Slots

+12V External Power Connection

Battery Slots

7 inch 1920 x 1200 capacitive touchscreen LCD

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Kick Stand

Mounting Points

Codecs

Supports: Apple ProRes 422 HQ, ProRes 422, ProRes LT, ProRes Proxy.

SDI Video Standards

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 59.94
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94

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

Ultra HD Format Support
2160p23.98, 24, 25, 29.97, 30

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, 59.94
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94

Ultra HD Format Support
2160p23.98, 24, 25, 29.97, 30

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.

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

2 x rechargeable LP-E6 Lithium-Ion batteries.

+12V universal power supply included with international socket adapters for all countries.

Physical Specifications

7.45 in
1.28 in
5.14 in
1.74 lb

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

+12V universal power supply included with international socket adapters for all countries.

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.

Blackmagic Design Authorized Reseller