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

<table>
<thead>
<tr>
<th>Connections</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SDI Video Inputs</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>SDI Video Outputs</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>SDI Rates</strong></td>
<td>270Mb, 1.5G, 3G, 6G.</td>
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<tr>
<td><strong>HDMI Video Inputs</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>HDMI Video Outputs</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Analog Audio Inputs</strong></td>
<td>2 x balanced mini XLR with phantom power</td>
</tr>
<tr>
<td><strong>Analog Audio Outputs</strong></td>
<td>1 x 3.5 mm headphone jack.</td>
</tr>
</tbody>
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<tr>
<th>Connections</th>
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</thead>
<tbody>
<tr>
<td><strong>Built in Speaker</strong></td>
<td>Mono</td>
</tr>
<tr>
<td><strong>Screen Dimensions</strong></td>
<td>7 inch 1920 x 1200.</td>
</tr>
<tr>
<td><strong>SDI Audio Inputs</strong></td>
<td>2 channels embedded via 6G-SDI</td>
</tr>
<tr>
<td><strong>SDI Audio Outputs</strong></td>
<td>2 channels embedded via 6G-SDI</td>
</tr>
<tr>
<td><strong>HDMI Audio Inputs</strong></td>
<td>2 channels embedded via HDMI 2.0a</td>
</tr>
<tr>
<td><strong>HDMI Audio Outputs</strong></td>
<td>2 channels embedded via HDMI 2.0a</td>
</tr>
<tr>
<td><strong>Remote Control</strong></td>
<td>1 x 2.5mm LANC for Record Start and Stop.</td>
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</tbody>
</table>

| 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. |

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

**Ultra HD Video Standards**

**SDI Compliance**
SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 425M, SMPTE 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 30p Ultra HD.

HDMI Video Standards

**SD Video Standards**
525i59.94 NTSC, 625i50 PAL

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

**Ultra HD Video Standards**
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, DNxHD 45 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.

Software

**Software Included**
DaVinci Resolve grading software. SD card for Mac and Windows.

Operating Systems

Mac 10.12 Sierra, Mac 10.13 High Sierra 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

![Physical Specifications Image]

Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Temperature Range</th>
<th>Relative Humidity</th>
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</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>0° to 40° C (32° to 104° F)</td>
<td>0% to 90% non-condensing</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-21° to 45° C (-6° to 113° F)</td>
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What's Included

- Blackmagic Video Assist 4K
- Universal power supply with international adapters
- SD card with software and manual

Warranty

- 12 Month Limited Manufacturer's Warranty.