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.

### Connections

<table>
<thead>
<tr>
<th>SDI Video Inputs</th>
<th>SDI Audio Inputs</th>
<th>SDI Video Outputs</th>
<th>SDI Audio Outputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2 channels embedded in SD and HD in QuickTime files, 2 channels in Avid DNxHD MXF files.</td>
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<td>2 channels embedded in SD and HD in QuickTime files, 2 channels in Avid DNxHD MXF files.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDI Rates</th>
<th>HDMI Video Inputs</th>
<th>HDMI Audio Inputs</th>
<th>HDMI Video Outputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>270Mb, 1.5G, 3G, 6G</td>
<td>1</td>
<td>2 channels embedded in SD and HD QuickTime files and Avid DNxHD MXF files.</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Analog Audio Inputs</th>
<th>Analog Audio Outputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>None, embedded audio only.</td>
<td>1 x 3.5 mm headphone jack.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Storage Type</th>
<th>Screen Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Removable SDXC UHS-1 and SDHC UHS-1 cards. Supports DS, HS, SDR12, SDR25, DDR50, SDR50 and SDR104 SD cards.</td>
<td>5 inch 1920 x 1080.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Built in Speaker</th>
<th>Recorder Configuration</th>
<th>Computer Interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>Via the device's USB port or the device's user interface.</td>
<td>1 x Mini-B USB 2.0 connector for initial setup, software updates and Video Assist Utility software control.</td>
</tr>
</tbody>
</table>
SD Video Standards

SD Video Standards
525i 59.94 NTSC, 625i 50 PAL

HD Video Standards
720p 50, 720p 59.94, 720p 60
1080p 23.98, 1080p 24, 1080p 25,
1080p 29.97, 1080p 30, 1080p 50,
1080p 59.94, 1080p 60
1080PsF 23.98, 1080PsF 24
1080i 50, 1080i 59.94, 1080i 60

Ultra HD Video Standards
2160p 23.98, 2160p 24, 2160p 25,
2160p 29.97 and 2160p 30. Monitoring only, down converts to HD.

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

SDI Metadata Support
HD RP 188.

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
525i 59.94 NTSC, 625i 50 PAL

HD Video Standards
720p 50, 720p 59.94, 720p 60,
1080p 23.98, 1080p 24, 1080p 25,
1080p 29.97, 1080p 30, 1080p 50,
1080p 59.94, 1080p 60
1080i 50, 1080i 59.94, 1080i 60

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 MXF,
DNxHD 45 MXF.
Control

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

**External Control**
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.
Physical Specifications

Power Requirements

**Power Supply**
1 x External 12V power supply.

LP-E6 Lithium-Ion batteries not included.

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
Universal power supply with international adapters
SD card with software and manual
Warranty

12 Month Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller