Blackmagic Video Assist 7” 3G

Blackmagic Video Assist 7” 3G is a portable monitor, a professional recorder, a portable scope and a fantastic camera viewfinder solution! You can also add better quality record codecs and a larger monitor to any SDI or HDMI camera! The new design has innovations such as 4 built in scopes, enhanced focus assist features, a tally indicator and built in LUTs. The Video Assist 7” 3G support formats up to 1080p60 and the new design also has L-Series batteries for longer life. Blackmagic Video Assist 7” 3G really is 4 products in one!

Connections

**SDI Video Inputs**
1

**SDI Video Outputs**
1

**SDI Rates**
270Mb, 1.5G, 3G

**HDMI Video Inputs**
1

**HDMI Video Outputs**
1

**Analog Audio Inputs**
2 x balanced mini XLR with phantom power

**Analog Audio Outputs**
1 x 3.5mm headphone jack.

**Built in Speaker**
Mono

**Screen Dimensions**
7 inch 1920 x 1200.

**Screen Brightness**
310nits

**SDI Audio Inputs**
16 channels embedded via SDI

**SDI Audio Outputs**
16 channels embedded via SDI

**HDMI Audio Inputs**
8 channels embedded via HDMI

**HDMI Audio Outputs**
8 channels embedded via HDMI

**Remote Control**
1 x 2.5mm LANC for Record Start and Stop.

**SD Interface**
Dual UHS-I SD slots.

**Storage Type**
SDXC UHS-I and SDHC UHS-I SD cards.
Supports DS, HS, SDR12, SDR25, DDR50, SDR50 and SDR104 SD cards.

**Computer Interface**
1 x USB Type-C for webcam out, 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, 1080PsF25, 1080PsF29.97, 1080PsF30
- 1080i50, 1080i59.94, 1080i60

**2K Video Standards**
- 2Kp23.98 DCI
- 2Kp24 DCI
- 2Kp25 DCI
- 2KPsF23.98 DCI, 2KPsF24 DCI, 2KPsF25 DCI

**Video Sampling**
- 4:2:2 YUV

**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.

**Multiple Rate Support**
- SDI and HDMI switches between 270 Mb/s, 1.5 Gb/s and 3 Gb/s.

HDMI 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
- 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**
- 2 x UHS-I SD for HD recording.

**Media Type**
- SDXC UHS-I and SDHC UHS-I SD cards.

Supported Codecs

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

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

External Control
LANC, SDI and HDMI start/stop, timecode run.

Software

Software Included
Blackmagic OS

Scopes

Scopes
Waveform, RGB Parade, Vector, Histogram.

Viewing Modes
Scopes with picture in picture or picture overlay and opacity control.

Operating Systems

Mac 10.14 Mojave, Mac 10.15 Catalina or later.

Windows 8.1 and 10.

Power Requirements

Power Supply
1 x External 12V power supply.
Compatible with Sony NP-F style batteries.
(batteries not included)
Physical Specifications

Environmental Specifications

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0° to 40° C (32° to 104° F)</td>
<td>-20° to 45° C (-4° to 113° F)</td>
<td>0% to 90% non-condensing</td>
</tr>
</tbody>
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What's Included

Blackmagic Video Assist 7" 3G
Universal power supply with international adapters

Warranty

12 Month Limited Manufacturer's Warranty.
Blackmagic Design Authorized Reseller