

## 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 3D 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.

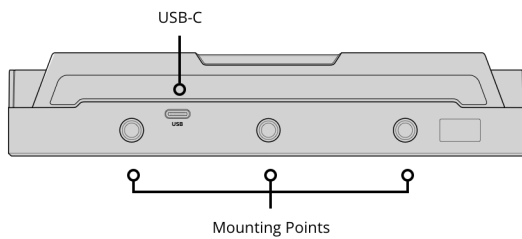
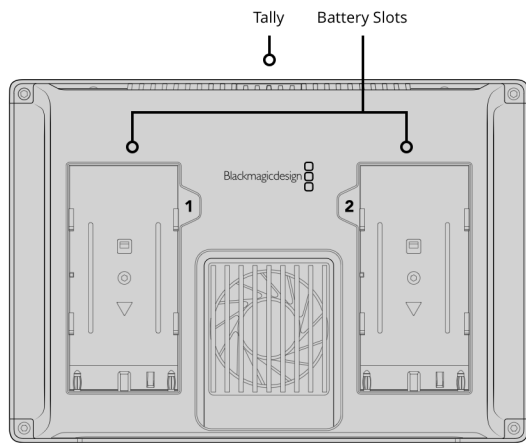
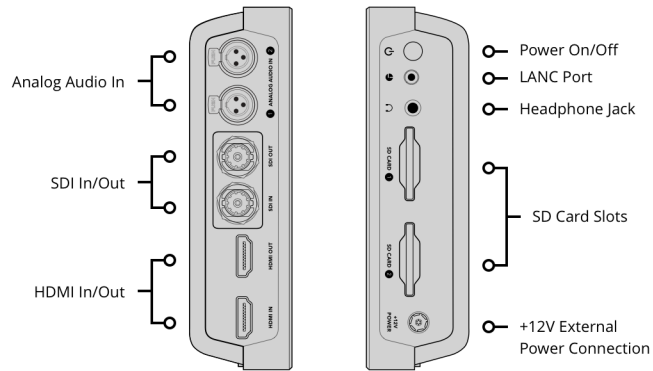
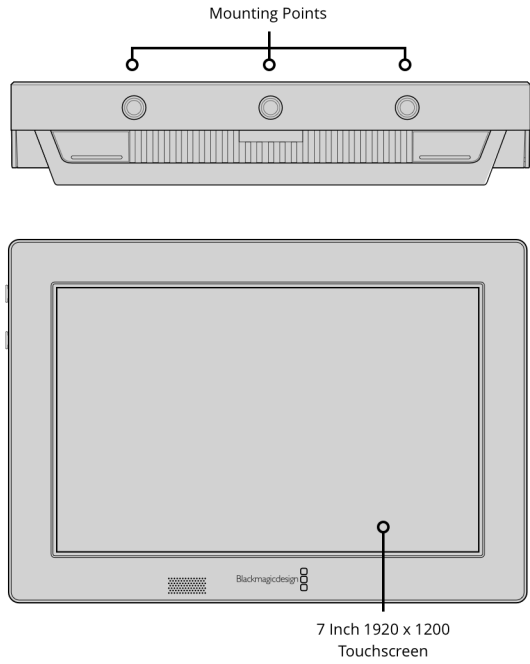
#### Storage Type

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 initial setup, software updates and Video Assist Utility software control.



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## 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

### 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.

### 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, 1.5 Gb/s and 3 Gb/s.

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## 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.

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## Media

### Media

2 x UHS-I SD for HD recording.

### Media Type

SDXC UHS-I and SDHC UHS-I  
SD cards.

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## 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.

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## 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.

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## Software

### Software Included

Blackmagic OS

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## Scopes

### Scopes

Waveform, RGB Parade,  
Vector, Histogram.

### Viewing Modes

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

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## Operating Systems



Mac 10.14 Mojave,  
Mac 10.15 Catalina or later.



Windows 8.1 and 10.

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## Power Requirements

### Power Supply

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

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## Physical Specifications



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## Environmental Specifications

### Operating Temperature

0° to 40° C (32° to 104° F)

### Storage Temperature

-20° to 45° C (-4° to 113° F)

### Relative Humidity

0% to 90% non-condensing

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## What's Included

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

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## Warranty

12 Month Limited Manufacturer's Warranty.

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