

# 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!

**\$565**

## 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

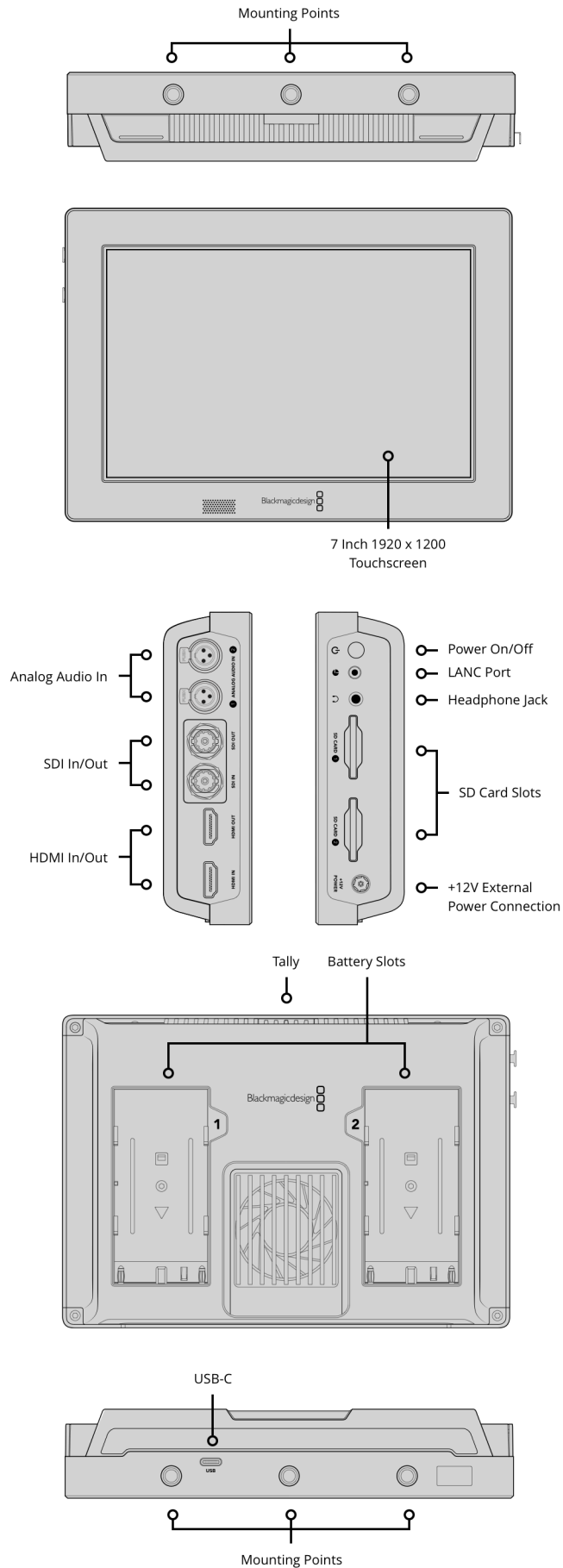
Dual UHS-I SD slots.

### 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

### 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.

---

## 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 13.0 Ventura,  
Mac 14.0 Sonoma or later.



Windows 11

---

## Power Requirements

### Power Supply

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

Physical Specifications



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

What's Included

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

Warranty

1 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller