

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

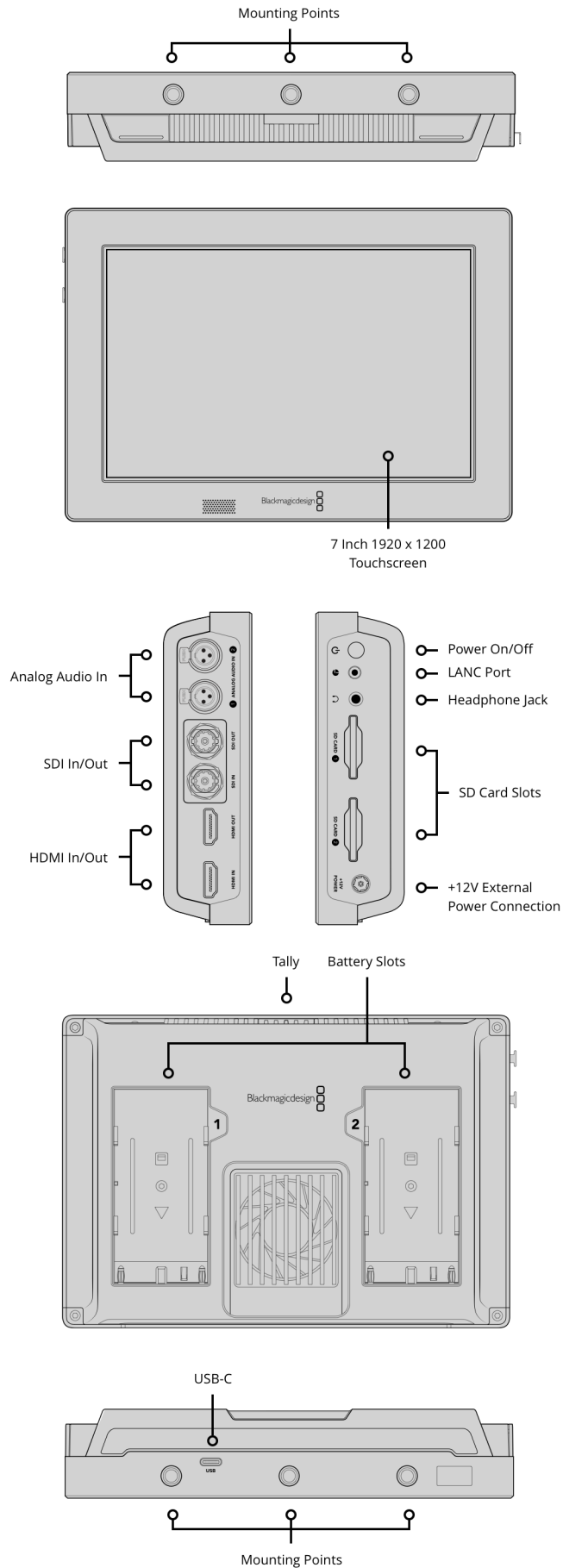
Dual UHS-I SD slots.

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 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