

Blackmagic MultiView 4



Blackmagic MultiView 4 is a multi viewer that lets you monitor 4 completely independent SDI video sources on a single display! Featuring 4 6G-SDI inputs with full re-synchronization, MultiView 4 lets you monitor any combination of SD, HD and Ultra HD video formats and frame rates all at the same time. Blackmagic MultiView 4 can output to both 1080 HD and 2160p Ultra HD displays so you connect it to either regular HD or Ultra HD televisions. If you connect an Ultra HD television or monitor, you can take advantage of the extra resolution of Ultra HD and see full resolution 1920 x 1080 HD in each view for incredible sharpness! You can even turn on audio meter overlays, custom labels and more in each view!

Connections

SDI Video Input

4 x 10-bit SD-SDI, HD-SDI and 6G-SDI.

SDI Video Loop Output

4 x 10-bit SD-SDI, HD-SDI and 6G-SDI.

SDI Video Multi View Outputs

1 x 10-bit HD-SDI and 10 bit 6G-SDI

HDMI Video Multi View Outputs

1 x HDMI type A connector. Output supports EDID of the monitor.

Multi Rate Support

Auto detection of SD, HD or 6G-SDI. Simultaneous viewing of 4K, HD and SD video.

Updates

USB or Ethernet.

Control

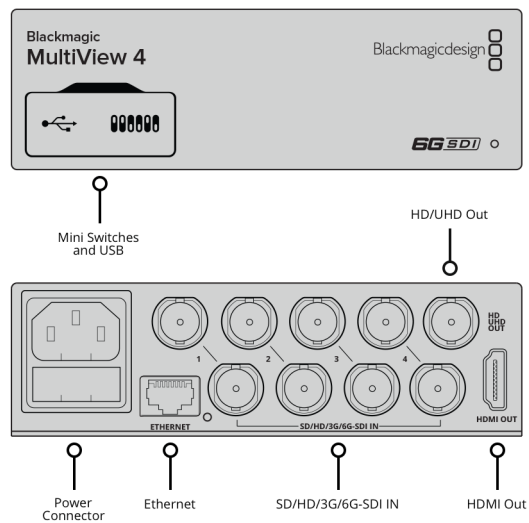
Optional front mounted Teranex Mini Smart Panel with LCD, rotary knob and six settings buttons.

Configuration

RJ45 Ethernet or USB 2.0 for firmware updates and IP address setting.

Reclocking

On all SDI outputs, auto switching between standard definition, high definition or 6G-SDI video.



Standards

SD Format Support

525i29.97 NTSC, 625i25 PAL

HD Format Support

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 Format Support

2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
2K 23.98 PsF, 2K 24 PsF, 2K 25 PsF.

Ultra HD Format Support

2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30

4K Format Support

2160p24

SDI Compliance

SMPTE 259M, SMPTE 292M,
SMPTE 296M, SMPTE 310M,
SMPTE 425M, ITU-R BT.656 and
ITU-R BT.601.

SDI Video Rates

SDI video inputs are switchable
between standard definition, high
definition and 4K. SDI switches
between 270 Mb/s standard definition
SDI, 1.5 Gb/s HD-SDI, 3G-SDI and 6G-
SDI.

SDI Video Sampling

4:2:2 and 4:4:4.

SDI Audio Sampling

Television standard sample rate of
48kHz and 24-bit.

SDI Color Precision

10-bit 4:2:2 and 4:4:4.

SDI Color Space

YUV or RGB for inputs, YUV for
outputs.

SDI Auto Switching

Automatically selects between SD-SDI,
HD-SDI, and 6G-SDI on each input so
that each input can be running a
different television standard.

SDI Metadata Support

Video payload identification ancillary
data as per SMPTE 352M.

Display

Optional Teranex Mini Smart Panel with 1.5" LCD for menu settings.

Software

Software Control

Multi view software included free for Windows™ and Mac OS X™.

Internal Software Upgrade

Via included updater application.

Operating Systems



Mac OS X 10.10 Yosemite,
Mac OS X 10.11 El Capitan
or later.



Windows 8.1 or
Windows 10.

Power Requirements

Power Fail Protection

MultiView 4 settings preserved and
restored instantly at power on.

Power Supply

IEC power cable required. 90 - 240V
AC input.

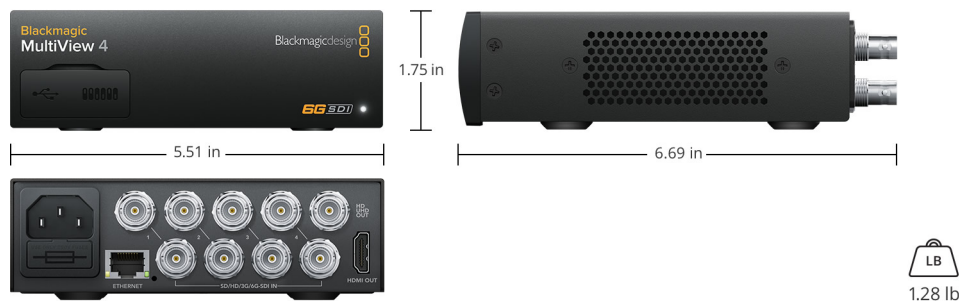
Power Consumption

16 Watts

Power over Ethernet

Can be powered via 48V DC using
PoE+ (power over ethernet)

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 MultiView 4

SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

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