

Blackmagic MultiView 16



Monitor up to 16 SDI sources using an Ultra HD monitor or television so you get twice the resolution per view! Monitor from SD, HD or Ultra HD-SDI sources in any combination, in any order! Features full frame re-sync on each input.

\$1,495

Connections

SDI Video Input

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

SDI Video Loop Output

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

Multi View Outputs

4 x SDI plus 1 x HDMI (2 x HD, 2 x 6G-SDI, 1 x HDMI), able to be used concurrently.

SDI Video Multi View Outputs

2 x 10-bit HD-SDI, 2 x 10 bit 6G-SDI.

HDMI Video Multi View Outputs

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

Reference Input

Black burst and Tri-level Sync for SD, HD and 4K.

Multi Rate Support

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

Updates

USB or Ethernet.

Control

16 buttons for local control of MultiView 16. 5 buttons and scroll wheel for control of LCD display or RJ45 Ethernet.

Configuration

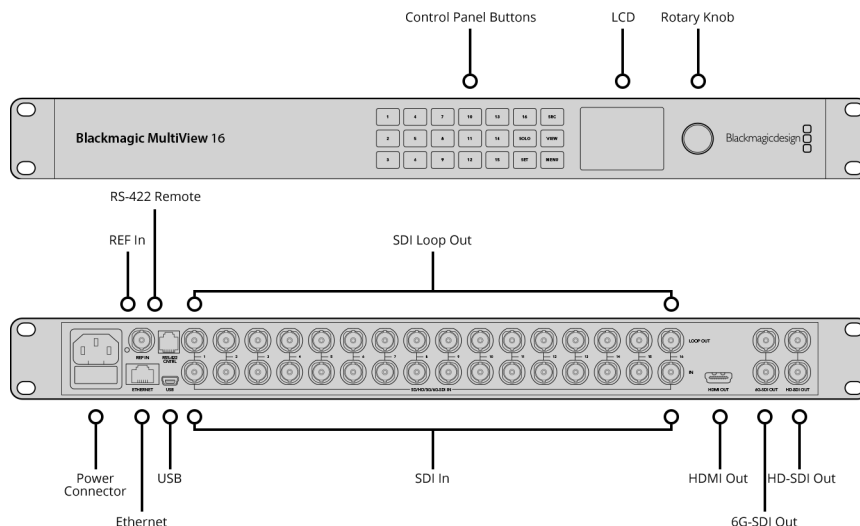
Via front panel LCD or use either RJ45 Ethernet or USB 2.0 for firmware updates and IP address setting.

RS-422 Control

1 x input for configuring layouts.

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, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98, 24, 25, 29.97, 30
1080i50, 59.94, 60

2K Format Support

1080p23.98, 24, 25,
1080PsF23.98, 24, 25

Ultra HD Format Support

2160p23.98, 24, 25, 29.97, 30

4K Format Support

2160p24

SDI Compliance

SMPTE 259M, SMPTE 292M,
SMPTE 296M, SMPTE 310M,
SMPTE 425M-B, 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

Built-in 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 16 settings preserved and
restored instantly at power on.

Power Supply

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

Power Consumption

45 Watts

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 16

SD card with software and manual

Warranty

12 month Limited Manufacturer's Warranty.

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