Blackmagicdesign

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

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

SDI Rates
270Mb, 1.5G, 3G, 6G.

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.

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

Reference Input
Black Burst and Tri-Sync for SD, HD and 4K.
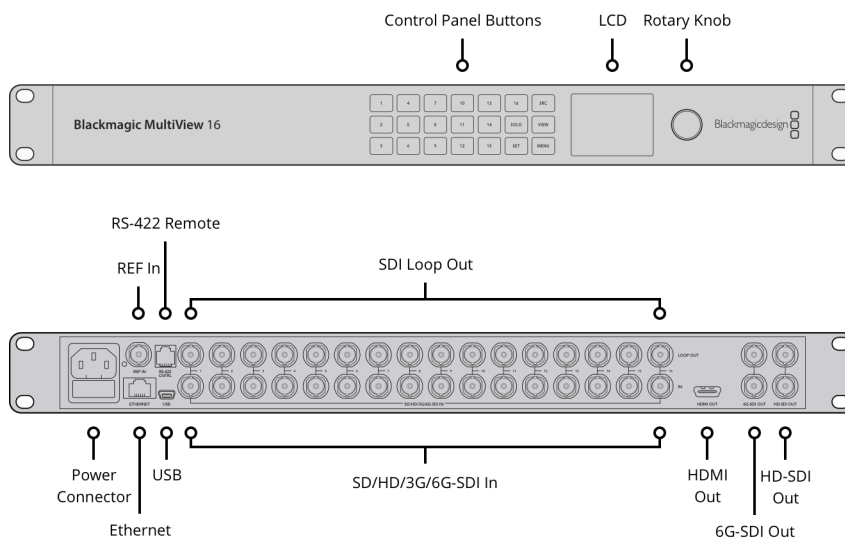
Multi Rate Support
Auto detection of SD, HD or 6G-SDI. Simultaneous viewing of 4K, HD and SD video.

Updates
USB 2.0 high speed (480Mb/s) interface or via Ethernet.

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

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

Ultra HD Video Standards
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30

4K Video Standards
4K DCI 24p

SDI Compliance
SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 425M-B, ITU-R BT.656 and ITU-R BT.601.

Audio Meters
Each view, VU standard.

Source Routing
Yes

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.

Control

Built in Control Panel
16 buttons for local control of source routing with 5 buttons and scroll wheel for menu control. 2.2 inch color display.

External Control Panel
Includes Blackmagic Videohub software control panel for Mac OS and Windows for routing sources to views. Supports Blackmagic Smart Control and Blackmagic Master Control hardware panels. Includes Blackmagic Videohub SDK and Ethernet Videohub Control Protocol.

RS-422 Control
RJ9 for external control.

Display

Built in 1.5 inch LCD for menu settings.

Software

Software Control
MultiView software included free for Windows™ and Mac™

Internal Software Upgrade
Via included updater application.

Operating Systems

Mac 10.11 El Capitan,
Mac 10.12 Sierra or later.

Windows 8.1 and 10.

Physical Installation

1 rack unit size. Less than 6 inch deep.

Power Requirements

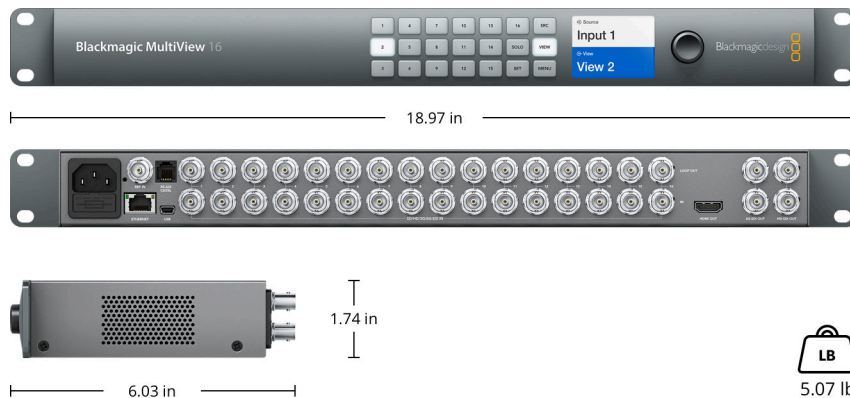**Power Supply**
IEC power cable required.,90 - 240V AC input.

Power Fail Protection
MultiView 16 settings preserved and restored instantly at power on.

Power Consumption
45 Watts

Physical Specifications

18.97 in

1.74 in

6.03 in

5.07 lb

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.

Blackmagic Design Authorized Reseller