

# 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.

## 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

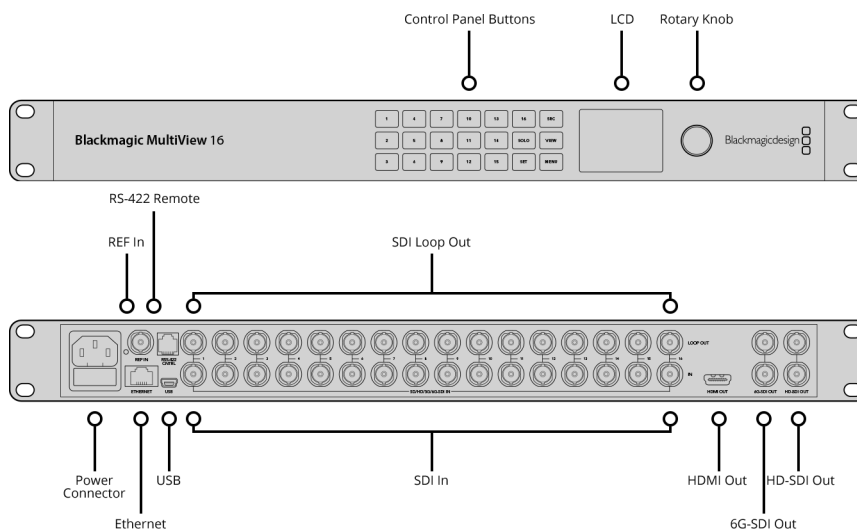
USB 2.0 high speed (480Mb/s) interface or via Ethernet.

### 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.



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## Standards

### SD Format Support

525i59.94 NTSC, 625i50 PAL

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### 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

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### 2K Format Support

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

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### Ultra HD Format Support

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

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### 4K Format Support

4K DCI 24p

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### SDI Compliance

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

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### Audio Meters

Each view, VU standard.

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### Source Routing

Yes

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### SDI Video Sampling

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

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### SDI Audio Sampling

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

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### SDI Color Precision

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

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### SDI Color Space

YUV or RGB for inputs, YUV for  
outputs.

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### 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.

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### SDI Metadata Support

Video payload identification ancillary  
data as per SMPTE 352M.

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## 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.

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## Display

Built-in 1.5 inch LCD for menu settings.

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## Software

### Software Control

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

### Internal Software Upgrade

Via included updater application.

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## Operating Systems



Mac OS X 10.11 El Capitan,  
macOS Sierra or later.



Windows 8.1 or  
Windows 10.

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## Physical Installation

1 rack unit size. Less than 6 inch deep.

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## 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

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## Physical Specifications



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## 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

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## What's Included

Blackmagic MultiView 16  
Tarjeta SD con manual y programas.

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## Warranty

12 month Limited Manufacturer's Warranty.

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