

SmartScope Duo 4K



SmartScope Duo 4K looks like a SmartView Duo but adds independent waveform monitoring so you can select between waveform, vectorscope, RGB parade, YUV parade, histogram and audio phase level displays. Each monitor is independent so can display any combination of scope or picture view!

Connections

SDI Video Input

Automatically switches between SD, HD and 6G-SDI. Reclocked loop through output.

SDI Video Output

1 x 10 bit loop through SD, HD and 6G-SDI switchable.

SDI Audio Input

16 channels embedded in SD, HD and UHD.

SDI Audio Output

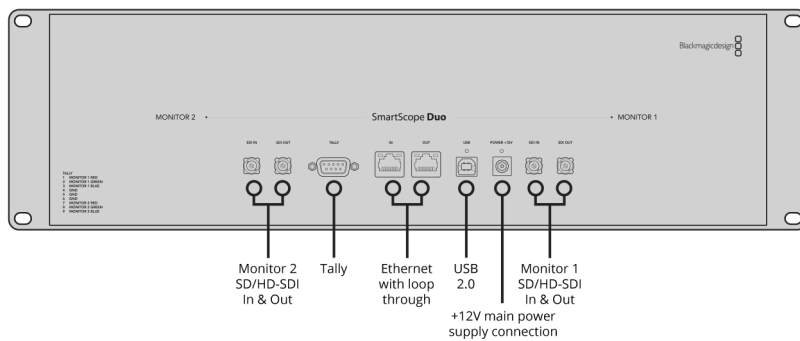
16 channels embedded in SD, HD and UHD.

Multi Rate Support

Standard definition SDI, high definition SDI and 6G-SDI.

Tally

9-pin D connector



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

Ultra HD Format Support

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

SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M Level B and SMPTE 425M.

Color Precision

8-bit

Color Space

YUV and RGB

Computer Interface

USB 2.0 for software updates and Ethernet for configuration

2K Format Support

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

Audio Sampling

Television sample rate of 48KHz

Colorspace Conversion

Hardware based real time.

Video Sampling

4:2:2 and 4:4:4

Scopes

Luminance Waveform, Vectorscope, RGB Parade, YUV Parade, Histogram, Audio phase and level.

Software

Software Included

Configuration utility for MAC and Windows.

Internal Software Upgrade

Via included firmware updater software.

Physical Installation

3RU

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 Supply

12V universal power supply included with international socket adapters for all countries.

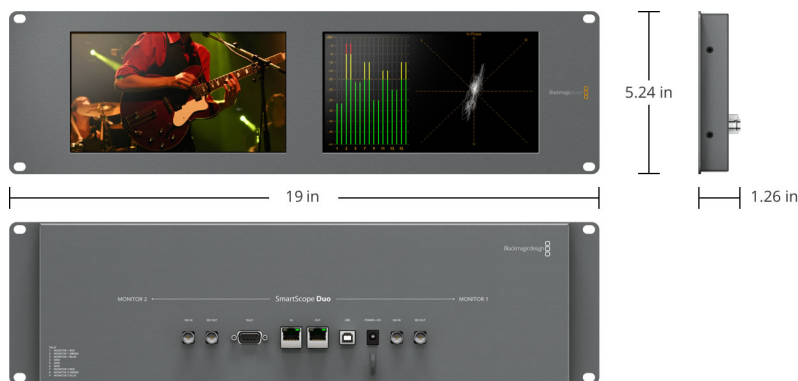
Power Consumption

< 20 Watts

Operational Voltage Range

12V - 15V

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

SmartScope Duo 4K
Power Supply
SD card with software and manual

Warranty

12 Months Limited Manufacturer's Warranty.

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