Blackmagicdesign

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!

$795

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
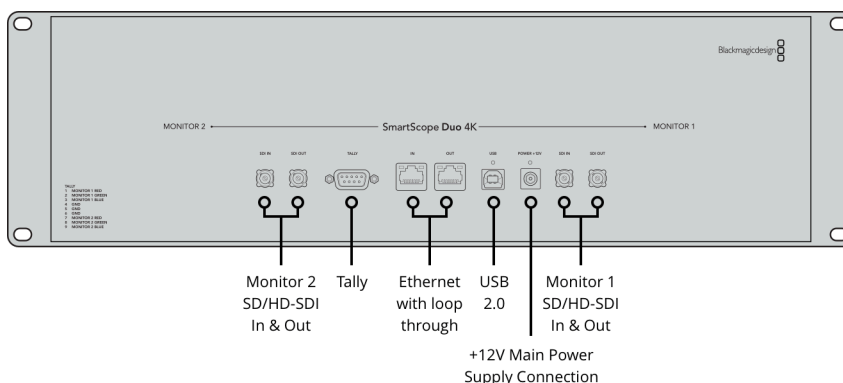16 channels embedded in SD, HD and UHD.

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

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

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.

Audio Sampling
Television sample rate of 48KHz

Video Sampling
4:2:2 and 4:4:4

Color Precision
8-bit

Color Space
YUV and RGB

Computer Interface
USB 2.0 for software updates and Ethernet for configuration

Colorspace Conversion
Hardware based real time.

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 10.15 Catalina,
Mac 11.1 Big Sur or later.

Windows 10, 64-bit.

Power Requirements

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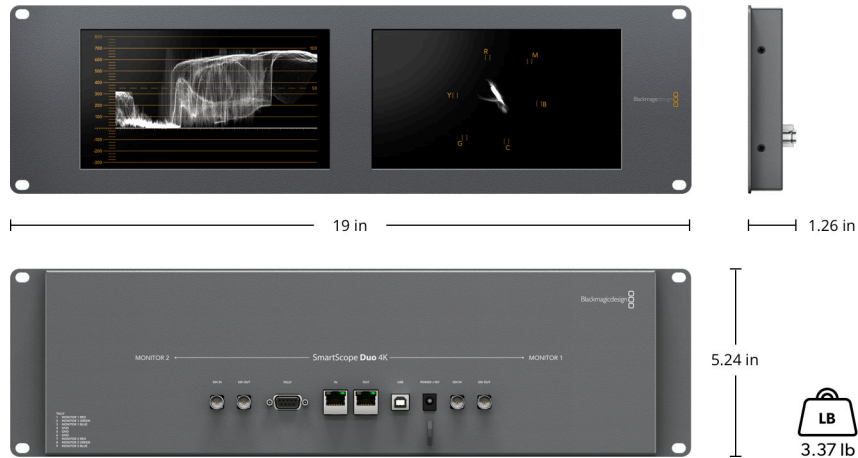12V universal power supply included with international socket adapters for all countries.

Power Consumption
< 20 Watts

Operational Voltage Range
12V - 15V

Physical Specifications

19 in | 1.26 in

5.24 in

3.37 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

SmartScope Duo 4K
Power Supply
Welcome wallet with QR code for software download

Warranty

12 Months Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller