



SmartView 4K

Technical Specifications

Description

The world's first full resolution Ultra HD broadcast monitor with multi rate 12G-SDI, an extremely bright display with wide viewing angle, plus advanced broadcast features like 3D LUT support, H/V delay, blue only, adjustable frame guides and more! SmartView 4K is compatible with all SD, HD and Ultra HD formats up to 2160p60. With both AC and DC power connections, SmartView 4K can be used in broadcast studios or on set.

Connections

SDI Video Input

2 SDI inputs automatically switch between SD, HD, 3G, 6G and 12G-SDI. Reclocked loop through output.

Optical Video Input

SFP Optical Fiber connector cage.

SDI Video Output

Automatically switches to input selection.

Multi Rate Support

Auto detection of 4K, 2K, HD or standard definition inputs.

Updates and Configuration

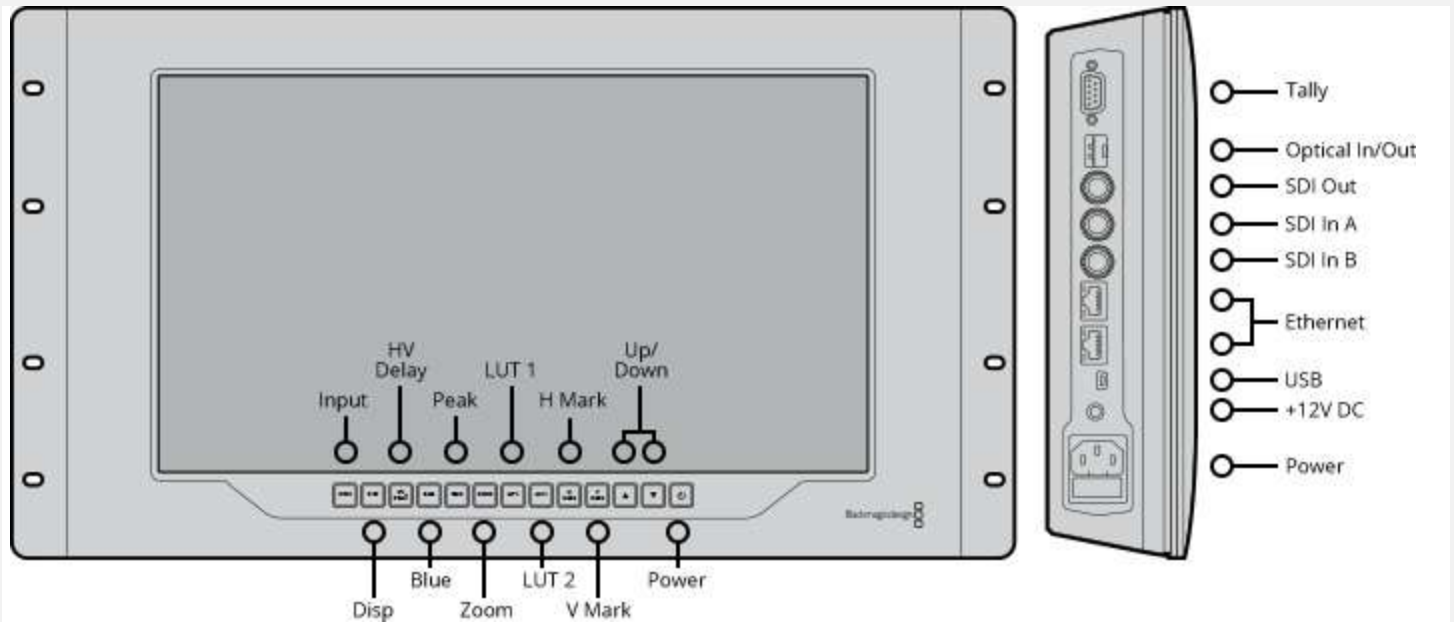
USB

Ethernet

Gigabit ethernet with loop through.

Tally

9-pin D connector



Standards

SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M and SMPTE 425M.

SDI Color Space

REC 601, REC 709

SDI Auto Switching

Automatically selects between SD, HD, 3G, 6G and 12G-SDI.

Video Sampling

4:2:2 and 4:4:4

SDI Format Support

525/23.98, 525/29.97, 625/25, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 1080PsF24, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 2048x1080p/23.98, 2048x1080p/24, 2048x1080p/25, 2048x1080PsF/23.98, 2048x1080PsF/24, 2048x1080PsF/25, 3840x2160p23.98, 3840x2160p24, 3840x2160p25, 3840x2160p29.97, 3840x2160p30, 4096x2160p24

Software

Internal Software Upgrade

Via included firmware updaters software.

Settings Control

Via USB or Ethernet.

Operating Systems

Mac OS X 10.9 Mavericks,
Mac OS X 10.10 Yosemite or later.
Windows™ 7 (32 and 64-bit) and 8.

Display

Display Element

TFT Active Matrix LCD

Display Resolution

3840 x 2160 pixels

Response

25 ms

Contrast Ratio

1000:1

Color Depth

16.7 million colors

Power Requirements

Power Supply

12V universal power supply included with international socket adapters for all countries. 12V - 15V range. Built in IEC 90 - 240V AC power supply.

Power Consumption

< 25 Watts

Physical Specifications



Environmental Specifications

Operating Temperature

0° to 40° C (32° to 104° F)

Storage Temperature

-20° to 60° C (-4° to 140° F)

Relative Humidity

0% to 90% non-condensing

What's Included

SmartView 4K

Power Supply

Software CD

Warranty

12 Months Limited Manufacturer's Warranty.