

Blackmagic SmartView 4K 2 (BM-HDL-SMTV4K12G2) – Technical Data

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 updater software
Settings Control	Via USB or Ethernet
Operating Systems	
	Mac OS X 10.7.5 Lion or later Mac OS X 10.9.4 Mavericks or later Windows™ 7 (32 and 64-bit) and 8
Display	
Display Element	TFT Active Matrix LCD
Display Resolution	3840 × 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 Watt
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% (nicht kondensierend)