



SmallHD Cine 7 500 RX

Full HD 7-inch Touchscreen Monitor with DCI-P3 Color and 1800 nits brightness

Professional and expandable directors monitor, with a built-in Teradek Bolt 500 receiver.

Display

Panel Type	IPS LCD
Size Diagonal	7.02
Resolution	1920x1200
Pixel Density (PPI)	322
Aspect Ratio	16:10
Active Area	5.95 x 3.72
Contrast	1000:1
Color Gamut	100% DCI-P3 Coverage
Color Depth	8-b Panel with 10-b Scopes
Viewing Angle	8-b Panel with 10-b Scopes
Backlight Type	LED
Adjustable Backlight	Yes

Input Signal Types/Formats

3G-SDI	YCC 4:2:2 @ 10-bits: 1080p60, 1080p59.94, 1080p50, 1080i120, 1080i119.88, 1080i100
HD-SDI	YCC 4:2:2 @ 10-bits: 1080p30, 1080p29.97, 1080p25, 1080p24, 1080p23.98, 1080psf30, 1080psf29.97, 1080psf25, 1080psf24, 1080psf23.98, 1080i60, 1080i59.94, 1080i50, 720p60, 720p59.94, 720p50, 720p30, 720p29.97, 720p25, 720p24, 720p23.98
SD-SDI	YCC 4:2:2 @ 10-bits: 480i59.94, 576i50
HDMI	YCC 4:2:2 @ 12 bits, 8/10/12/16 bit color in RGB & YCC 4:4:4: 1080p60, 1080p59.94, 1080p50, 1080p30, 1080p29.97, 1080p25, 1080p24, 1080p23.98, 720p120, 720p119.88, 720p100, 720p60, 720p59.94, 720p50, 720p30, 720p29.97, 720p25, 720p24, 720p23.98, 480p240, 480p239.76, 480p120, 480p119.88, 480p60, 480p59.94, 576p200, 576p100, 576p50, 480i240, 480i239.76, 480i120, 480i119.88, 480i60, 480i59.94, 576i200, 576i100, 576i50
Audio	HDMI & SDI - Monitor through Speakers in Front Bezel or Through Headphone Jack - Metering up to 8 channels

Output Signal Types/Formats

3G-SDI	YCC 4:2:2 @ 10-bits: 1080p60, 1080p59.94, 1080p50, 1080i120, 1080i119.88, 1080i100
HD-SDI	YCC 4:2:2 @ 10-bits: 1080p30, 1080p29.97, 1080p25, 1080p24, 1080p23.98, 1080psf30, 1080psf29.97, 1080psf25, 1080psf24, 1080psf23.98, 1080i60, 1080i59.94, 1080i50, 720p60, 720p59.94, 720p50, 720p30, 720p29.97, 720p25, 720p24, 720p23.98
SD-SDI	YCC 4:2:2 @ 10-bits: 480i59.94, 576i50
HDMI	YCC 4:2:2 @ 12 bits, 8 bit color in RGB & YCC 4:4:4: 2160p30, 2160p29.97, 2160p25, 2160p24, 2160p23.98, 1080p120, 1080p119.88, 1080p100, 1080i120, 1080i119.88, 1080i100, 1080i60, 1080i59.94, 1080i50, 720p240, 720p239.76, 720p200
Audio	HDMI & SDI - Incoming Audio Stream is sent downstream via HDMI or SDI connection

Wireless

Video Inputs	1x
Delay Tx To Rx	< 1mSec (0.001 sec)
Supported Resolutions	1080p60/59.94, 1080p/50, 1080i60/59.94, 1080i/50, 1080p30/29.97, 1080p24/23.98, 720p60/59.94, 720p/50, 480i60/59.94, 480p60/59.94, 576i50, 576p/50
Video Compression	Visually lossless
Audio Compression	48 kHz 24-bit PCM
Wireless Network	5GHz
RF Channel Selection	AFS (Automatic frequency selection)
Encryption	AES-128
Range	Upto 500' line of sight (or 500' LoS)
Noise Rejection	Can coexist with WiFi and 5 Ghz cordless phones

Connector Type

SDI	1x BNC 3G input and 1x BNC 3G selectable input/output
HDMI	1 input and 1 output: HDMI Type-D Receptacles (full size)
Audio	1x 3.5mm 3-pin Stereo Headphone Jack
Power In	2-pin Locking
USB	1x USB 2.0 Micro-B receptacle

Controls

Primary Control Interface	Touch Screen
Record/Capture	Capture Tool
RF Wireless Remote / External Control	?

Data I/O

Storage	?
USB	?
Wireless	?

Power

Connector Type	Lemo
Voltage	DC in - 10V minimum to 34V maximum, Battery terminals - 6.0V minimum to 16.8V max
Recommended Power Supply	Recommend DC 12~15V at ~2.5 amp or greater
Overload Protection	DC input: Reverse polarity
Battery Types	L-Series, V Mount, Gold Mount
Battery Chemistry	Li-ion
Battery Charging Time (hours)	Monitor does not support the charging of batteries

Environmental

Compliance	FCC, IC, CE, RoHS
Operating Temperature	30F to 100F
Storage Temperature	0F to 120F
Height	5.48" (13.92cm)
Width	1.32" (3.35cm)
Depth/Length	7.09" (18.01cm)
Weight (Packaged)	56oz (1587.57g)
Mount Points	Four ¼-20 Mount Points (Left, Right, Bottom, and Back)

Software

Pixel Zoom (type)	1.1-2.0x & 2.0-8.0x via swipe up/down. Infinitely adjustable via pinch & zoom
Frame Guides	Preset Aspect Ratios & Customizable
DSLR Scale	Canon 5DMkii & Canon 7D
Custom Scale	Yes (Underscan Only)
Anamorphic De-Squeeze	0.75x, 1.33x, 1.5x, 1.66x, 2.0x, 2.5x
Image Rotate(Manual/Automatic)	Automatic or Manual Control
Image Flip (Manual/Automatic)	Automatic or Manual Control
Cross Conversion	Yes: HDMI → SDI & SDI → HDMI
Focus Assist (Colors)	User Adjustable Color Style and Intensity
Peaking	User Adjustable Intensity
False Color	Rainbow, Arri Style, Custom with up to 10 nodes
Zebra	Dual - User Configurable
Waveform	Luma & RGB Style, Fully User Customizable w/ Region of Interest Highlighting
Vectorscope	Yes
RGB Parade	Fully User Customizable
Histogram	Luma & RGB Style
Image Capture	Yes
Custom LUTS	Loadable as Looks on Pages or as Systemwide Color Calibration via the settings menu
LUT Downstream	Available on SDI or HDMI Out. Applied on Output Preview Page.
LUT Import	via SD Card or USB Storage Device
Image Overlay	With Opacity Slider and Blink Setting
Audio Meters	HDMI & SDI up to 8 channel