



SHINOBI SDI

5" 3G-SDI & 4K HDMI HDR Pro Monitor

For in-the-field & on-set pro video production

Atomos Shinobi SDI is a lightweight HDR field monitor for the video professional who needs the flexibility of both HDMI and SDI camera connectivity, or the vlogger wanting to take their production to the next level. Run cables between Shinobi SDIs up to 100m (328ft) without degradation of image allowing directors, crew and clients to see what the camera operator sees in stunning detail. Shinobi SDI's high brightness 1000nit 5-inch monitor lets crew members preview and see images exactly as intended in any lighting condition, SDR or HDR. Shinobi SDI is the ultimate monitoring tool in your video production arsenal that won't break the bank.

HDR monitoring made easy

Shinobi SDI is our first stand-alone compact SDI-capable HDR monitor for professionals where recording capability is not required. It is built to match your high-end cinema and production cameras and can run all day on a single battery. It features all our amazing screen-processing technology and creative simple-to-use monitoring-tools including new multi-tool 'Atomos Analysis' designed for perfect real-time image checking. Set your shots up accurately using advanced histograms, waveforms or video scopes.

Compatible in every situation

The Shinobi SDI supports HD-SD IN for HD SDI cameras; HD-SDI loop out for broadcast monitors, switchers & recorders; and HDMI IN for DSLR, Mirrorless & Video cameras, smart phones & tablets.

The 5" SDI monitor that packs a punch

With a stunning 5" 10-bit HDR and SDR display, the Shinobi SDI allows you to see your images clearly in daylight on the 1000nit anti-reflection screen. The sleek light-weight design is crafted for maximum efficiency and weighing in at just 226g/7.8oz, it is one of the lightest SDI/HDMI monitors on the market, stealthily attaching to any HDMI & SDI camera setup.

The best of AtomOS

The Shinobi SDI utilizes our revolutionary AtomOS 10 platform and is packed with an extensive suite of scopes and one touch simple operations. Shinobi SDI includes monitoring tools for focus, framing & exposure, including Focus Peaking, 4:1 / 2:1 / 1:1 Zoom, Zebra, False Color, Frame Guides, SMPTE Safe Area, Waveform, Histogram, RGB parade, Vectorscope, Anamorphic De-squeeze, new multi-view 'Analysis' mode and more. Each feature customizable and interchangeable in size, best suiting the Shinobi SDI user.

'Analysis' mode - powerful and simple

We understand how crucial it is to always see what you're shooting. With the new 'Analysis' mode, view a waveform, histogram,



vectorscope while simultaneously shooting, ensuring complete control of your image. Switch between different waveform, histogram and vectorscope options on the fly with a single touch.

HDR in the field

The Shinobi SDI screen utilizes AtomHDR processing engine to display a stunning 10+ stops of dynamic range in real-time from Log, PQ or HLG signals. The wide color gamut mapping ensures perfect image color is displayed. Combined with our HDR monitoring features, the Shinobi SDI simplifies the complexities of shooting Log and HDR, helping replicate a post-production workflow in the moment it matters most. While shooting. We look after the technology, so you can focus on the storytelling.

Realtime LUT preview

Apply and compare your favorite looks for your camera or from your post-production team; achieving consistency in SDR or HDR across all shoots. The Shinobi SDI allows you to load up to eight custom LUTs at any time via the SD Card Slot.

Calibrated true-to-eye colors

Accurate color-representation is key to a trustworthy monitor. Color calibrate your Shinobi SDI using X-Rite's iDisplay Pro for ongoing accurate HDR and Rec. 709 monitoring.

Longer battery life

Designed exclusively for monitoring purposes, the Shinobi requires very low power. Have peace of mind with uninterrupted endurance. Longer monitoring times are covered with the included AC adaptor.

Battery time* (based on 7.4V)	Standby	Monitor
	2600mAh - 3hrs	2600mAh - 15hrs
	5200mAh - 6hrs	5200mAh - 3hrs
	7800mAh - 12hrs	7800mAh - 6hrs

Affordable pro 3G-SDI & 4K HDMI monitor

At just \$US499, the Atomos Shinobi SDI matches any camera level, and is one of the most affordable HDR monitors available today. Includes 12 month warranty.

† Extended support planned

SHINOBI SDI - Technical specifications

Weight and Dimensions		
Without batteries	226g / 7.8oz.	
Dimensions (W x H x D mm)	151 x 91.5 x 31.5mm	
Construction	Polycarbonate ABS	
Mounting points	1/4"-20 screw mount. 1x top and 1x bottom	
Power		
Operating power	4-7W	
Compatible batteries	NP-F series and supporting accessories. AtomX or other.	
Input voltage (battery)	6.2V to 16.8V	
Battery time* (based on 7.4V)	Standby 2600mAh - 3hrs 5200mAh - 6hrs 7800mAh - 12hrs	Monitor 2600mAh - 1.5hrs 5200mAh - 3hrs 7800mAh - 6hrs
	DC In via Battery Eliminator	
	Touchscreen	
Size	5.2"	
Resolution / PPI	1920 x 1080 / 427ppi	
Aspect ratio	16:9 native	
Color Gamut	Rec709 HDTV	
Bit depth	10-bit (8+2 FRC)	
Brightness	1000nit (+/- 10%)	
Look up table (LUT) support	3D LUT (.cube format). Extended support planned	
Anamorphic de-squeeze	2x, 1.5x, 1.33x	
Technology	IPS panel (capacitive touch), calibration to Rec.709 with optional calibration unit	
AtomHDR	Yes	
HDR Monitoring (Gamma)	Sony SLog / SLog2 / SLog3 Canon CLog / CLog2 / CLog3 ARRI Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI800 / LogCEI1000 / LogCEI1280 / LogCEI1600 Panasonic Vlog JVC JLog1 RED Log3G10 / RED LogFilm FujiFilm F-log Nikon N-Log PQ10k HLG	
	HDR Monitoring (Gamut)	Sony SGamut / SGamut3 / SGamut3.cine Canon Cinema / DCI P3 / DCI P3+ Panasonic V Gamut Arri Alexa Wide Gamut Rec709 / BT.2020 JVC RED WideGamut / RED DragonColor / DragonColor2 / RED Color2 / RED Color3 / RED Color4 /
Screen Mirror/Flip	Horizontal Flip (Selfie mode), Vertical Flip Landscape/Portrait mode planned †	
Anti-reflective	Special AR coating and Anti-fingerprint technology	
Video Input		
SDI	1 x HD-SDI 1 3G/1.5G	
HDMI	1 x HDMI (1.4)	
Signal	Up to Uncompressed true 10-bit or 8-bit 422 (camera dependent)	
Video Output (Playout)		
SDI	1 x HD-SDI 1 3G/1.5G	
Supported Loop-out Formats (SDI to SDI)		
2k DCI 2048 x 1080	23.98p, 24p, 25p, 29.97p, 50p, 59.97p	
HD 1920 x 1080	23.98p, 24p, 25p, 29.97p, 50p, 59.94p	
HD 1280 x 720	50p, 59.94p	
Audio In (48kHz)		
HDMI	2ch. 24-bit 48kHz	
SDI	8ch 24-bit 48kHz	
Audio Out		
Headphone out	3.5mm Headphone out 2ch.	
SD Card Slot		
Full size SD Card slot	SD Card Slot allows LUTs to be loaded to the unit and is also used when updating AtomOS firmware	
AtomOS		
Monitoring Features	Luma Waveform, RGB parade, RGB Overlay, Vectorscope, Vectorscope Zoom, Histogram, RGB Histogram, Analysis view (Multi-tool scopes: Waveform, Histogram, Vectorscope), Focus Peaking, Zebra, False Color, Blue Only Exposure, Zoom (1:1, 2:1, 4:1), SMPTE Safe Areas, Cinema Guides, Anamorphic Desqueeze.	

What's in the Box	
Included	Shinobi SDI unit, 12V-15W AC power supply, Quick Start Guide
Optional Accessories	
Compatible optional accessories	Power Kit: 2 x NP-F Batteries, 1 x Charger, 1 x Power supply AtomX 5" Cage for Shinobi SDI (by SmallRig) AtomX 5" Sunhood (compatible w. Shinobi SDI / Ninja V) AtomX 5" Screen Protector (compatible w. Shinobi SDI / Ninja V) AtomX 10" Arm & Quick Release Plate (by Lanparte) Other: Atomos HDMI cables Xrite i1 Display Pro Calibrator and USB to Serial cable AtomX 5" Accessory Kit
Warranty	
1 Year from date of purchase	The main product, not including the IPS screen.



Construction note: Shinobi SDI is designed to operate in ambient temperatures up to 40°C/104°F. If you wish to extend the temperature of operation in high temperature conditions, set the TFT brightness to a minimum.

Please note: Specifications are subject to change without notice. All information correct at time of publishing.

* Atomos NP-F Battery.