



# SHINOBI

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## 5" 4K HDMI HDR Photo & Video Monitor

Go anywhere and see everything exactly how you want it with the Atomos Shinobi - a high brightness 1000nit 5 inch HDMI monitor that's perfect for vloggers, creatives and photographers.

Atomos has been developing amazing monitor and recorder technology for years in order to simplify and improve video creation. Shinobi, our first stand-alone small monitor features all of our amazing screen processing technology and professional monitoring tools – now packed into a small 'monitor only' device.

Shinobi features a 'run all day' single battery, 1000nit high brightness 1920 x 1080 screen, HDR capability and advanced functions that are easy to use. There's even a new selfie Mirror Mode for vloggers and a new multi-tool Analysis view that's a cinematographer's dream. Set up your shots accurately using our advanced histograms, waveforms and video scopes. Shinobi is the perfect companion to improve any photo or video production.

### The 5" HDMI monitor that packs a punch

With a stunning 5" 10-bit HDR or SDR display, Shinobi allows you to see your images clearly in daylight on the 1000nit anti-reflection screen featuring special AR coating and Anti-fingerprint technology. The sleek lightweight design is crafted for maximum efficiency and stealthily attaches to any HDMI camera setup. Weighing in at just 196g, it's one of the lightest monitors with a 4K input on the market.

### The best of AtomOS 10

Shinobi utilizes our revolutionary AtomOS 10 platform and is packed with extensive suite of scopes and simple one-touch operations. Shinobi includes monitoring tools for focus, framing and exposure, including **Focus Peaking, 4:1/2:1/1:1 Zoom, Zebra, False Color, Frame Guides, SMPTE Safe Area, Waveform, RGB parade, vectorscope**, a new **multi-tool 'Analysis' view** and a flexible **3D and 1D LUT†, Profile and Preset** support (upload .cube files via SD Card) and options for **anamorphic desqueeze monitoring**.

### Introducing Atomos 'Analysis' View

We understand how important to see what you're shooting at all times. With the new Analysis view feature you can now simultaneously see what you are shooting, view a waveform, histogram and vectorscope – ensuring complete control of your image. You can even switch between different waveform, histogram and vectorscope options on the fly with a single touch.

### HDR in the field

The Shinobi screen displays a stunning 10+ stops of dynamic range in realtime from Log/PQ/HLG signals. Combined with our unique HDR monitoring features, the Shinobi simplifies the complexities of shooting Log and HDR, helping you to replicate post-production workflows at the moment when it matters most. We look after the technology so you can focus on the story telling.



### Realtime LUTs preview

Apply and compare looks for post-production in SDR or HDR using your favorite LUTs for your camera. Shinobi allows you to load up to eight custom LUTs at anytime via the SD Card Slot and instantly switch between them – maintaining creative intent at all times.

### Calibrated true-to-eye colors

Calibration is the key to a trustworthy monitor. The Shinobi monitor can be calibrated using X-Rite's i1DisplayPro for ongoing accurate HDR and Rec709 monitoring. This ensures accurate monitoring for reliable results. Monitors drift and calibration is the only way to ensure your eyes are not deceiving you.

### Longer battery life

Designed purely for monitoring purposes, Shinobi requires very low power in standby or monitoring modes. This translates to lasting endurance and 'all day run times' from a single battery\*.

	Standby	Monitor
Battery time* (based on 7.4V)	2600mAh - 3hrs	2600mAh - 1.5hrs
	5200mAh - 6hrs	5200mAh - 3hrs
	7800mAh - 12hrs	7800mAh - 6hrs

### Designed for every situation

When attached to your camera, the size and weight of your monitor matters. We shaved Shinobi down to just 196g (7oz) and added ¼"-20 screw mounts top and bottom for ease of cage and adaptor rigging. The center mount battery makes balancing easy and maneuverability instant. Shinobi is compatible with most cameras, smartphones and HDMI-ready devices.

### Professional 4K HDR monitoring at an affordable price

At just \$US399, the Atomos Shinobi matches any camera level, and is one of the most affordable HDR monitors available.

† Extended support planned. Available in future firmware updates.

# SHINOBI - Technical Specifications

Weight and Dimensions	
Without batteries	196g / 7oz.
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)	<b>Standby</b> 2600mAh - 3hrs 5200mAh - 6hrs 7800mAh - 12hrs
	<b>Monitor</b> 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
	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 /
HDR Monitoring (Gamut)	
Screen Mirror/Flip	Horizontal Flip (Selfie mode), Vertical Flip Landscape/Portrait mode planned †
Anti-reflective	Special AR coating and Anti-fingerprint technology
Video Input	
HDMI	1 x HDMI (1.4)
Signal	Up to Uncompressed true 10-bit or 8-bit 422 (camera dependent)
Supported Formats (Video Input)	
4K 4096 x 2160	23.98p, 24p, 25p, 29.97p
UHD 3840 x 2160	23.98p, 24p, 25p, 29.97p
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
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 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** (by SmallRig)  
**AtomX 5" Sunhood** (compatible w. Shinobi / Ninja V)  
**AtomX 5" Screen Protector** (compatible w. Shinobi / 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 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 750 Battery.