



# SHINOBI

## User Manual

EDITION 1: FEBRUARY 2019



**Register your SHINOBI to receive the latest software updates and user information**

Registering your product ensures you receive communication on all future updates

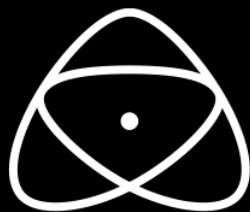
## 8. Technical Specifications

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)	<table border="1"> <thead> <tr> <th>Standby</th> <th>Monitor</th> </tr> </thead> <tbody> <tr> <td>2600mAh - 3hrs</td> <td>2600mAh - 1.5hrs</td> </tr> <tr> <td>5200mAh - 6hrs</td> <td>5200mAh - 3hrs</td> </tr> <tr> <td>7800mAh - 12hrs</td> <td>7800mAh - 6hrs</td> </tr> </tbody> </table>	Standby	Monitor	2600mAh - 3hrs	2600mAh - 1.5hrs	5200mAh - 6hrs	5200mAh - 3hrs	7800mAh - 12hrs	7800mAh - 6hrs
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2600mAh - 3hrs	2600mAh - 1.5hrs								
5200mAh - 6hrs	5200mAh - 3hrs								
7800mAh - 12hrs	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 /								
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.





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