

Atomos Shinobi

5" HDR Photo & Video Monitor

Weight

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)	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	1920 x 1080
PPI	427
Aspect ratio	16:9 native
Color Gamut	REC709 HDTV
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

HDR

AtomHDR	Yes
HDR Monitoring (Gamut)	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, PQ10k, HLG, Nikon N-Log
HDR Monitoring (Gamma)	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
Bit Depth	10-bit (8+2 FRC)
Brightness	1000nit (+/- 10%)
Screen Mirror/Flip	Horizontal Flip (Selfie mode), Vertical Flip * Landscape/Portrait mode planned for future firmware release

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
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Audio Out

Headphone out	3.5mm
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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
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AtomOS

Monitoring Features	Luma Waveform, RGB parade, RGB Overlay, Vectorscope, Vectorscope Zoom, Histogram, RGB Histogram, Analysis mode (Multiview 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.
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What's In The Box

Included	Shinobi unit, 12V-15W AC power supply, Quick Start guide
Optional Accessories	Power Kit: 2 x NP-F Batteries, 1 x charger, 1 x power supply AtomX 5" Sunhood (compatible w. Shinobi / Ninja V) AtomX 5" Screen Protector (compatible w. Shinobi / Ninja V) AtomX 10" Arm & Quick Release Plate (by Lamparts) Other: Atomos HDMI cables Xrite i1 Display Pro Calibrator and USB to Serial cable AtomX 5" Accessory Kit
Warranty	1 year