

Clifton Cameras Product Specification

ATOMOS Shinobi Full Spec

Product Specification

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 6.2V to 16.8V

Standby

- 2600mAh - 3hrs
- 5200mAh - 6hrs
- 7800mAh - 12hrs

Battery time* (based on 7.4V)

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

Colour 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 /

HDR Monitoring (Gamut)	<ul style="list-style-type: none"> • 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 x2160	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 Output	
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.