

Technical Specifications: Shinobi GO x Shinobi II

Summary

Shinobi GO is a lower cost version of Shinobi II with the following differences:

- NO camera control over USB-C or LANC
- NO ARRI / RED gamma or gamut options from the Log/HDR feature in the Input menu
- NO ARRI false color or EL ZONE™ System in false color modes
- NO anamorphic de-squeeze option
- NO on-device calibration option from the Info menu
- NO 4K DCI (4096 x 2160) input resolution support

Product Code

ATOMSHB004

Product Specifications

	Shinobi GO	Shinobi II
Price	USD/EUR 249 excluding taxes	USD/EUR 349 excluding taxes
Display		
Size	5-inch	5-inch
Resolution	1920 x 1080	1920 x 1080
Brightness	1500 Nits	1500 Nits
Panel Technology	IPS – 10-bit (8+2 FRC)	IPS – 10-bit (8+2 FRC)
Backlight	Edge-lit	Edge-lit
Calibration		
Calibration Support	No on-device calibration	Simple on-device calibration (connect Calibrite probe directly to Shinobi II via USB-C)
	Atomos Calibrator on PC/Mac with Calibrite ColorChecker Display Pro & ColorChecker Display Plus +	Atomos Calibrator on PC/Mac with Calibrite ColorChecker Display Pro & ColorChecker Display Plus +

Color Pipeline		
Gamma	Sony S-Log / S-Log2 / S-Log3, Canon C-Log / C-Log 2 / C-Log3 Panasonic V-LOG JVC J-Log1 Fujifilm F-Log / F-Log2 Nikon N-LOG / HLG Olympus OM-LOG400 / FLAT OM-System OM-LOG400 / FLAT Leica L-LOG	Sony S-Log / S-Log2 / S-Log3, Canon C-Log / C-Log 2 / C-Log3 Panasonic V-LOG JVC J-Log1 Fujifilm F-Log / F-Log2 Nikon N-LOG / HLG Olympus OM-LOG400 / FLAT OM-System OM-LOG400 / FLAT Leica L-LOG
	No ARRI support	Arri LogCEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI800 / LogCEI1000 / LogCEI1280 / LogCEI1600 / LogC4
	No RED support	RED Log3G12 / RED LogFilm / PQ10K / LOG3G10
Gamut	BT2020, DCI P3, DCI P3 65 Sony SGamut / SGamut3 / SGamut3.cine Canon Cinema / DCI P3 / DCI P3+ / BT.2020 Panasonic V Gamut, Rec.709 JVC LS300	BT2020, DCI P3, DCI P3 65 Sony SGamut / SGamut3 / SGamut3.cine Canon Cinema / DCI P3 / DCI P3+ / BT.2020 Panasonic V Gamut JVC LS300
	No ARRI support	ARRI Alexa Wide Gamut, Rec.709

	No RED support	RED DragonColor / DragonColor2 / REDColor2 / REDColor3 / REDColor4 / REDWideGamut
3D LUT	Display.Cube format (17 & 33 points supported)	Display.Cube format (17 & 33 points supported)
3D LUT 50/50 Split	Yes	Yes
Monitoring Modes	SDR Native, HDR HLG, HDR PQ, 709 LUT, User LUT	SDR Native, HDR HLG, HDR PQ, 709 LUT, User LUT
Display Controls	Backlight, Lift, Gamma, Gain	Backlight, Lift, Gamma, Gain
AtomHDR / HDR Processing	Built-in Technical Log to HDR EOTF	Built-in Technical Log to HDR EOTF
3D LUTs	Load .Cube files from SD Card into 8 LUT Slots On-Device & use for Monitoring	Load .Cube files from SD Card into 8 LUT Slots On-Device & use for Monitoring
Video Input		
HDMI	1 x HDMI (1.4)	1 x HDMI (1.4)
SDI	No	No
Bit Depth	8 / 10-bit	8 / 10-bit
Chroma Subsampling	YCbCr 4:2:0 & 4:2:2	YCbCr 4:2:0 & 4:2:2
Audio In	HDMI Embedded 2-channel, 24-bit, input dependent	HDMI Embedded 2-channel, 24-bit, input dependent
Headphone Out	3.5mm headphone jack, 2-channel	3.5mm headphone jack, 2-channel
Resolution and Frame Rates (Monitoring)	No 4K DCI Resolution Support	4K DCI 23.98/24/25/29.97/30

	4K UHD 23.98/24/25/29.97/30 FHD 1920 x 1080 Progressive 23.98/24/25/29.97/30/50/59.94/60 FHD 1920 x 1080 Interlaced 50i/60i 1280 x 720 Progressive 50/59.94/60p	4K UHD 23.98/24/25/29.97/30 FHD 1920 x 1080 Progressive 23.98/24/25/29.97/30/50/59.94/60 FHD 1920 x 1080 Interlaced 50i/60i 1280 x 720 Progressive 50/59.94/60p
Supported Media		
SD Card	Update firmware & upload LUTs File System FAT32, NTFS	Update firmware & upload LUTs File System FAT32, NTFS
USB	No	No
On-Screen Tools		
MultiScope Analysis View	Image, waveform, histogram, & vectorscope	Image, waveform, histogram, & vectorscope
Waveform	3 sizes – adjustable opacity & brightness	3 sizes – adjustable opacity & brightness
Histogram	3 sizes – adjustable opacity & brightness	3 sizes – adjustable opacity & brightness
RGB Parade	3 sizes – adjustable opacity & brightness	3 sizes – adjustable opacity & brightness
Vectorscope	1 size – adjustable opacity & brightness	1 size – adjustable opacity & brightness
1 x Zoom	Tap to Zoom	Tap to Zoom
2 x Zoom	Tap to Zoom	Tap to Zoom
4 x Zoom	Tap to Zoom	Tap to Zoom
Focus Peaking	4 modes (color, black & white, outline, edge sharpening) with adjustable outline color & peaking intensity	4 modes (color, black & white, outline, edge sharpening) with adjustable outline color & peaking intensity
Colorized Exposure	Atomos False Color	Atomos False Color

	No ARRI False Color No EL ZONE System	ARRI False Color EL ZONE System
Zebra	Adjustable threshold (50% to 105%)	Adjustable threshold (50% to 105%)
Isolate Color Channel	Blue only	Blue only
Cine Frame Guides	Presets for 2.41, 2.35, 1.91, 1.9, 1.85, 16:9	Presets for 2.41, 2.35, 1.91, 1.9, 1.85, 16:9
Social Frame Guides	Presets for 9:16, 4:5, 2:3, 1:1, 5:4, 4:3, 3:2	Presets for 9:16, 4:5, 2:3, 1:1, 5:4, 4:3, 3:2
Safe Areas	SMPTE Safe Title Area – 93% & 90%	SMPTE Safe Title Area – 93% & 90%
Grid Markers	9 grid	9 grid
Anamorphic Desqueeze	No	2x, 1.8x, 1.79x, 1.65x, 1.6x, 1.5x, 1.33x, 1.25x
Display Flip	Horizontal & Vertical	Horizontal & Vertical
Camera Control		
USB	No camera control	Camera control for supported cameras via USB-C. Controllable functions: Record Trigger, White Balance, Shutter Speed, Shutter Angle (if supported by camera), Aperture, ISO, Camera Overlays, Record Indicator
	USB-C for device power	USB-C for device power
Serial 2.5mm Jack	No camera control	Camera control for Z CAM cameras via optional USB to Serial Cable
	Use with ATOMCAB004/ATOMCAB018 and calibration software.	Use with ATOMCAB004/ATOMCAB018 and calibration software.

Accessories

Part	Description	Image
ATOMCAB004	Atomos USB Type-A to Serial LANC Calibration Cable (6.5')	A black cable with a USB Type-A connector on one end and a 3.5mm LANC connector on the other. It features a small black plastic housing in the middle of the cable.
ATOMCAB018	Atomos USB Type-C to Serial LANC Calibration Cable (13")	A black cable with a USB Type-C connector on one end and a 3.5mm LANC connector on the other. It features a small black plastic housing in the middle of the cable.
ATOMSUN009	Sunhood for Shinobi GO/II	A black, L-shaped accessory designed to protect the sensor of the Shinobi GO/II camera from sunlight. It has a small Atomos logo on the right side.