

Product Specifications

Shinobi II

Dimensions	151mm x 91.5mm x 20.8mm (28.5mm with locking cable adaptor attached)
Weight	210g / 7.4 oz
Mount Points	Bottom: 1 x 1/4-inch 20 with anti-rotational points
Environmental	
Ambient Operating Temperature	Up to 40 degrees Celsius
Construction & Control	
Body	ABS polycarbonate
Cooling	Passive heat sink
Multi-function button	Power / lock screen
Power	
Input voltage	6.2V to 16.8V
Operating power	<10W
Compatible batteries	NPF L series
Built in battery	No
Continuous power	Via NPF battery and USB-C PD Power
DC in connector	Via Battery Eliminator (optional)
DTAP	Via Battery Eliminator and optional D-Tap to DC barrel cable
USB PD IN	< 10W
USB PD OUT	> 13W
Display	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	5.2-inch
Resolution	1920 x 1080
View Angle	178 + H & V
PPI	427
Bit depth	10-bit (8+2 FRC)
Backlight Type	Edge lit
Brightness (cdm2 / Nits)	1500
Aspect ratio	16/9
Color Gamut	Rec.709
Calibration support	Atomos Calibrator on PC/Mac with Calibrite ColorChecker Display Pro & ColorChecker Display Plus + Simple on-
Colour Pipeline	
Gamma	Sony SLog / SLog2 / SLog3 / HLG, Canon C-Log / C-Log2 / C-Log3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI800 / LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic V-Log / HLG, JVC J-Log, Red RedLogFilm / Log3G10 / Log3G12, FujiFilm F-Log, PQ (HDR10), HLG, Nikon N-Log
Gamut	BT.2020, DCI P3, DCI-P3 D65, Rec709, Sony S-Gamut / S-Gamut3 / S-Gamut3.cine / BT.2020 / Rec.709 Canon Cinema / BT.2020 / DCI P3 / DCI P3plus / Rec.709 Panasonic V Gamut / Rec.709 Arri Alexa Wide Gamut / Rec.709 JVC LS300 / Rec.709 Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut
3D LUT Display	.Cube Format (17 & 33 points supported)
3DLUT 50/50	Yes
Monitoring Modes	SDR Native, HDR HLG, HDR PQ, 709 LUT, User LUT
Video Input	
HDMI	HDMI 1.4
Bit Depth	8/10-bit video
Video Chroma Subsampling	4:2:2
Audio In/Out	
HDMI	2 channel, 24-bit, input dependent
Analogue Audio in	3.5mm headphone jack, 2 channel
Headphone out	3.5mm headphone jack, 2 channel
Timecode / Sync / Control	
Embedded	HDMI (display only)
Resolution & Frame Rates (Monitor)	

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 720p	50/59.94/60p
Supported Media	
SD	Update firmware & upload LUTs
File System	FAT32, NTFS
On-Screen Tools	
MultiScope Analysis View	Image, WFM, vector, histogram
Waveform	3 sizes – adjustable opacity & brightness
Histogram	3 sizes – adjustable opacity & brightness
RGB parade	3 sizes – adjustable opacity & brightness
Vector scope	1 size – adjustable opacity & brightness
1 x Zoom	Tap to zoom
2 x Zoom	Tap to zoom
4 x Zoom	Tap to zoom
Focus peaking	4 modes (color, black & white, outline, edge sharpening) with adjustable outline color & peaking intensity
Atomos False color	Yes, with Scale
Zebra	Adjustable threshold (50% to 105%)
Isolate color channel	Blue Only
Cine Frame Guides	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
Safe areas	SMPTE safe title area – 93% & 90%
Grid markers	9 grid
Anamorphic desqueeze	2x, 1.8x, 1.79x, 1.65x, 1.6x, 1.5x, 1.33x, 1.25x
Display Flip	Horizontal & vertical
Remote Control	
Serial 2.5mm Jack	Calibration via optional USB to serial cable
External Device Control	
Serial 2.5mm Jack	Camera control for Z CAM cameras via optional USB to Serial Cable
USB	Camera control for supported cameras via USB-C. Controllable functions: Record Trigger, White Balance, Shutter Overlays, Record Indicator