

Physical Specifications	
Dimensions (W x H x D mm)	198 x 133 x 39
Weight	577g / 1.04lb
Mount points	1 x Anti rotation 1/4" / 3/8 top and bottom
Environmental	
Ambient operating temperature	Up to 40° C
Construction and Control	
Body	Polycarbonate ABS Plastic
Cooling	Actively controlled fan and heat sink
Multi-function button	Power / lock Screen
Power	
Input voltage	6.2V - 16.8V
Operating power	5.8V - 7.2V
Compatible batteries	2 x NPF L series
Built in battery	No
Battery Run time (Record)	5200mAh - up to 2hrs, 7800mAh - up to 3hrs
Continuous power	Dual battery slots
DC in connector	Locking DC jack
Dtap	Via optional DTap to DC cable
Display	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	7"
Resolution	1920 x 1080
PPI	325
Bit depth	10-bit (8+2 FRC)
Backlight Type	Edge lit
Brightness (cdm2 / nits)	2200 +/- 10%
Aspect ratio	16:9 Image Display
Color Gamut	Rec.709
Calibration support	Atomos Calibrator with Xrite i1 Display Pro / Plus (Retail)
Color Pipeline	

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 LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log
Gamut	Bt2020, DCI P3, PDCI p3 65, Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3+ / BT2020, Panasonic V Gamut, Arri Alexa Wide Gamut Rec709, JVC LS300, Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut
3D LUT Display	.Cube Format
3D LUT Down Stream	Loop out
3DLUT 50/50	Yes
Monitoring Modes	Native / HLG / PQ / 3D LUT
HDR output Conversion	HLG / PQ
Video Input	
HDMI	1 x HDMI (2.0) 4Kp60
SDI	1 x 3G SDI - 2k p60
Bit Depth	8/10-bit Video
Video Chroma Subsampling	YCbCr 420 & 422
Metadata	
Video Output	
HDMI	1 x HDMI (2.0) 4Kp60
SDI Play out	1 x 3G SDI - 2Kp60
Web Streaming	
Video Signal Conversion	
HDMI to SDI	Yes
SDI to HDMI	Yes
Audio In/Out	
HDMI	2ch 24-bit, input dependent
SDI	8ch 24-bit, input dependent
Headphone out	3.5mm 2ch.
Timecode / Sync	
Embedded	HDMI and SDI
Resolution and Frame Rates (Record, Monitor & Playback)	
4k DCI	Monitor Only: DCI: HDMI: 23.98p, 24p, 25p, 29.97p, 50p, 59.94p

4k UHD	Monitor Only: UHD: HDMI: 23.98p, 24p, 25p, 29.97p, 50p, 59.94p
2K DCI 2046 x 1080	Monitor Only: DCI 2046 x 1080: SDI: 23.98p, 24p, 25p, 29.97p, 50p, 59.94p
FHD 1920 x 1080 Progressive	Monitor Only: HDMI and SDI : 23.98/24/25/29.9/30/50/59.94/60p
FHD 1920 x 1080 Interlaced	Monitor Only: 50/59.94/60i 1280 x 720p: 50/59.94/60p
Recording CODEC	
CDNG	No - Monitor only
Apple ProRes RAW	No - Monitor only
Apple ProRes	No - Monitor only
Avid DNxHD	No - Monitor only
Avid DNxHR	No - Monitor only
H.265	No - Monitor only
H.264	No - Monitor only
Playback	
Playlist	No - Monitor only
Recording functions	
Pre-roll record	No - Monitor only
ISO Record	No - Monitor only
Switched Program Record	No - Monitor only
Timelapse	No - Monitor only
RAW to Video Record	No - Monitor only
Simultaneous proxy record	No - Monitor only
4k to HD	No - Monitor only
Multi Input / Switching	
Supported media	
SD	SD Card slot for LUTs / Firmware
File System	ExFAT
On screen tools	
MultiScope Analysis View	Image, selectable Waveform, Histogram, Vectorscopes and Audio bars
Waveform	Yes, 3 size / Position
Histogram	Luma and RGB
RGB parade	Yes, 3 size / position

Vector scope	Yes, 2 size / position and zoom
1 x Zoom	Yes. 1:1 Pixel mapping for 4K
2 x Zoom	Yes
4 x Zoom	Yes
Focus peaking	Color selected / focus assist sharpening / threshold setting / color / mono / edges only
False colour	Yes
Zebra	Yes, adjustable
Isolate color channel	Blue only
Cine Frame Guides	2.4:1, 2.35:1, 1.9:1, 1.85:1, 4:3
Social Frame guides	9:16, 1:1, 191:1, 4:5
Safe areas	Action and Graphic
Grid markers	9 Grid
Anamorphic desqueeze	1.25x, 1.33x, 1.5x, 1.8x, 2x
Display Flip	Vertical and Horizontal selfie mode
Onboard Signal Processing	
4K UHD Downscale for HD	Yes
DCI Crop	Yes
Remote control	
External Device Control	
Serial 2.5mm Jack	USB-C to Serial (ATOMCAB018)
USB	Camera control for supported cameras in future firmware release
RJ45	Camera control for supported cameras in future firmware release
Supported Applications	
What’s in the box	
Accessories included	Shinobi 7, International DC power adaptor and Quickstart guide
Optional extras	Power Kit, HDMI cables, USB to serial cable, AtomX Mounting Arm (10" / 13"), Monitor Mount
Warranty	
Standard	1 year. Extended to 3 years on product registration