

SPECIFICATIONS NINJA V

Weight

Without batteries & media	320g / 11.28oz
With batteries & media	-
With stand	6.0kg / 13.2lb
Dimensions (W x H x D mm)	151 x 91.5 x 31mm
Construction	Aluminium alloy chassis with ABS polycarbonate back plate
Mounting points	1/4-20 UNC screw mount; 1x top, 1x bottom

Power

Operating power	10 - 19W
Compatible batteries	NP-F series and supporting accessories
Input voltage (battery)	6.2V to 16.8V
Battery time (based on 2 x 7.4V)	5200mAh - up to 2hrs (monitor & record 4K +60p) 7800mAh - up to 3hrs (monitor & record 4K 60p)

DC In

Continuous power	Continuous power with external adaptor*
* Patent pending	

Touchscreen

Size	5"
Resolution	1920 x 1200
PPI	427
Aspect ratio	16:9 native
Color Gamut	REC709 HDTV
Look up table (LUT) support	3D LUT (.cube format)
Anamorphic de-squeeze	2x, 1.5x, 1.33x, Panasonic 8:3
Technology	SuperAtom IPS panel (capacitive touch), calibration to Rec.709 with optional calibration unit

HDR

AtomHDR	Yes
Supported Log formats	Sony SLog2 / SLog3, Canon CLog / CLog 2, Arri Log C, Panasonic Vlog, JVC JLog, Red LogFilm
HDR Recording (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 LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ10k, HLG

HDR

	Sony SGamut / SGamut3 / SGamut3.cine / BT2020
	Canon Cinema / DCI P3 / DCI P3+ / BT2020
	Panasonic V Gamut
HDR Monitoring (Gamma)	Arri Alexa Wide Gamut
	Rec709
	JVC LS300
	Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut
HDR Monitoring (Gamut)	Wide Color Gamut (SGamut / SGamut3 / SGamut3.cine / Canon Cinema / BT2020 / DCI P3 / DCI P3+ / Panasonic V Gamut / Arri Alexa Wide Gamut) mapping to Rec709 on screen Wide Color Gamut (SGamut / SGamut3 / SGamut3.cine / Canon Cinema / BT2020 / DCI P3 / DCI P3+ / Panasonic V Gamut / Arri Alexa Wide Gamut) mapping to Rec709 / BT2020 / DCI P3 on loop out
Bit depth	10-bit (8+2 FRC)
Brightness	1000nit (+/- 10% @ center)
HDR input (PQ/HLG)	Yes / Yes
HDR output (PQ/HLG)	Yes / Yes

Video input/loop out

HDMI	1 x HDMI (2.0)
SDI	-
Signal	Uncompressed true 10-bit or 8-bit 422 (camera dependent)

Video output (play out)

HDMI	1 x HDMI (2.0)
SDI	-
Signal	Uncompressed true 10-bit or 8-bit 422 (playback file dependent)

Supported loop out formats

	720p 50/60, 1080i 50/60,
HDMI to HDMI	1080p 24/25/30/50/60/100/120
	2160p 24/25/30/50/60
SDI to SDI	-

Video signal conversion

HDMI to SDI -

SDI to HDMI -