

Physical
Dimensions
151mm x 92mm x 36mm
Weight
400gms
Mount points
1 x anti-rotation 1/4-inch / 3/8-inch top and bottom
Environmental
Ambient operating temperature
Up to 40 degrees Celsius
Construction
Body
Aluminium with ABS plastic
Cooling
Actively controlled fan and heat sink
Power
Input voltage
6.2V to 16.8V DC
Operating power
Up to 30W
Multi-function button
Power / lock screen
Continuous power
Via NP-F battery or USB-C PD Power
DC in connector
Via Battery Eliminator (optional)
DTAP
Up to 13W
USB PD IN
45W capable, power supply required
USB PD OUT
Up to 13W
Display
Size
5.2-inch
Resolution
1920 x 1080
Backlight Type
Edge lit
Brightness (cdm2 / Nits)
1500
Aspect ratio
16:9
Color Gamut
Rec.709
Calibration support
Calibrite Display Pro or Display Plus on PC/Mac with Atomos LANC cable (ATOMCAB018, sold separately)
Color 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: DCI P3 / DCI P3plus / Rec.709. Panasonic: V Gamut. ARRI: Alexa Wide Gamut. 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
Log / HDR to HLG / PQ
Video Input
HDMI
1 x HDMI (2.0) up to 6Kp30
Locking port
Optional
Wi-Fi
No
USB
2 x USB-C 2.0/3.0
Bit Depth
8/10-bit video
Video Chroma Subsampling
4:2:2
Video Output
HDMI
1 x HDMI (2.0) up to 6Kp30
Locking port
Optional

Wi-Fi
No
USB
2 x USB-C 2.0/3.0
Bit Depth
8/10-bit video
Video Chroma Subsampling
4:2:2
Metadata
HDMI
RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut
Network
USB
2 x USB-C 2.0/3.0
Connectivity
Bluetooth
No
LANC
Yes
Audio In/Out
HDMI
8-channel, 24-bit
Analogue Audio Line In
3.5mm headphone jack, 2-channel input
Headphone Out
3.5mm headphone jack, 2-channel
Timecode
Embedded
HDMI
Time of day
Yes
Reference / Genlock input
No
LTC
No
Wireless AirGlu RF Server and Client
No
Wireless AirGlu BT Server
No
Resolution & Frame Rates (Record, Monitor & Playback)
RAW
Up to 6Kp30
4K DCI
23.98/24/25/29.9/30/50/59.94/60p
4K UHD
23.98/24/25/29.9/30/50/59.94/60p
2K DCI 2048 x 1080
Yes
1080p
23.98/24/25/29.9/30/50/59.94/60/100/120p
1080 PsF
Converted to P and looped out PsF
1080i
50/59.94/60i
720p
50/59.94/60p
Supported Media
CF Express
Atomos certified CF Express type B media
USB
Atomos certified USB 3.0 media
File System
ExFAT
Codecs
Apple ProRes RAW
ProRes RAW, ProRes RAW HQ
Apple ProRes
LT, 422, 422 HQ
H.265
LQ, MQ, HQ, XQ in 8/10-bit, 4:2:2 and 4:2:0
Playback
Playlist
Yes, create customer playlists from full or sub-clips
Loop
Yes, with user-customizable in/out markers
Apple ProRes RAW
Yes, recorded clips
Apple ProRes
Yes, with linear PCM audio
H.265
Yes
Recording
Pre-roll
ProRes only

Timelapse
Yes
Simultaneous Proxy Record
Yes
On-screen Monitoring Tools
Waveform
3 sizes – adjustable opacity & brightness
RGB parade
3 sizes – adjustable opacity & brightness
Vectorscope
2 sizes – adjustable opacity & brightness
1 x Zoom
Yes, 1:1 pixel mapping for 4K
2 x Zoom
Yes
Focus peaking
Colour selected / threshold setting / colour / mono / edges only
Atomos False Color
Yes, with scale
ARRI False Color
Yes
EL ZONE
Yes
Zebra
Yes, adjustable
Isolate color channel
Blue Only
Cine Frame Guides
Presets for 2.4:1, 2.35:1, 1.9:1, 1.85:1, 4:3
Social Frame guides
Presets for 9:16, 1:1, 191:1, 4:5
Onion Skin
Yes
Safe areas
Action and graphic
Grid markers
9 grid
Anamorphic desqueeze
1.25x, 1.33x, 1.5x, 1.6x, 1.65x, 1.79x, 1.8x, 2x
Display Flip
Vertical only
Onboard Signal Processing
Pulldown removal
24 / 25 / 30 pSF > 24 / 25 / 30p (2:2 pulldown), 60i > 24p (3:2 pulldown)
4K UHD downscale for HD
Loop out - 4K UHD to HD
DCI Crop
Loop out - 17:9 to 16:9 crop
Remote Control
HDMI
Auto HDMI trigger, supported protocols - Canon, Sony, Atomos
Serial 2.5mm Jack
Calibration via optional USB to serial cable
AirGlu BT
No
AirGlu RF
No
Camera Control
USB-C
Start/stop recording, ISO, shutter, aperture, white balance, touch to focus (for supported cameras)
What's in the Box
Accessories included
Ninja RAW monitor-recorder, USB-C locking cable adaptor, HDMI locking cable adaptor, USB-C locking cable (45cm), Quick Start Guide
Box dimensions (W x H x D mm)
190mm x 130mm x 75mm
Box weight
665gms
Warranty
Standard
1 year. Extended to 2 years on product registration (excludes screen)