

Filmmaking Redefined

Product Brochure Autumn 2023

atomos.com



ATOMOS

While the industry makes better cameras, we make cameras better.

Atomos is a video technology innovator. When we started just over a decade ago, we combined highquality touchscreen monitors, removable storage and Apple ProRes to dramatically improve the quality of video captured by almost any camera. For the first time, videomakers could take the uncompressed output from their camera and store it in Apple's professional, easyto-edit format.

New generations of faster, lighter, tougher and brighter products followed, taking in HDR, 4K and even 8K. Now "Atomos" has become part of the filmmaker's vocabulary. With Connect, we extend the capabilities of our monitor recorders with a host of cloud-based tools and services. Content creators now have more peace of mind as their footage is simultaneously stored on the camera, in the cloud and on the Atomos recorder. People anywhere in the world can access media from a cloud-connected Atomos device.

Our new online services extend our physical products' capabilities, empowering filmmakers and video creators with essential tools for camera-to-cloud, collaboration and review, cloud editing, live multicam production, wireless timecode and streaming.

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Contents

Monitor-Recorders Ninja / Ninja Ultra / Shogun / Shogun Ultra / Zato Connect

Ninja Accessories Atomos Connect / AtomX Cast

Atomos Cloud Studio Camera to Cloud / Edit / Stream / RemoteView / Live Production

On-Camera Monitors Shinobi / Shinobi 7

Production and Broadcast Solutions Sumo 19SE / Shogun Studio 2 / UltraSync ONE / UltraSync BLUE

Accessories

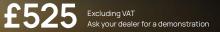
The best just got better

5-inch, 1000nit HDR monitor-recorder



The evolution of Ninja

This lightweight, compact camera-mounted monitor-recorder has become an essential tool for filmmakers and video content creators, thanks to its ground-breaking advantages, which include HDR monitoring and RAW recording. Atomos' close partnerships with major camera manufacturers ensure that Ninja works flawlessly with an increasing range of DSLR and mirrorless cameras.



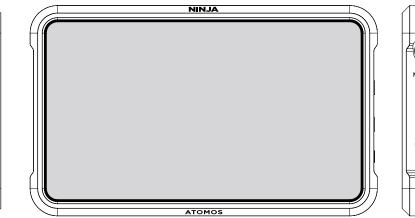
FEATURES

Record up to 4Kp60 in Apple ProRes, Avid DNxHD and H.265 (HEVC) Record up to 6Kp30 in Apple ProRes RAW Comprehensive monitoring tools with EL ZONE[™] system exposure and ARRI false color **NEW!** AtomOS 11: cleaner, fresher, faster **NEW!** Compatible with a wide range of HDMI cameras

ProRes RAW

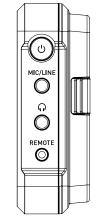
ProRes DNxHD H.265 HEVC





Veight and Dimensions Vithout batteries & media 360g / 12.7oz
Vithout batteries & media 360g / 12.7oz
Dimensions (W x H x D mm) 151 x 91.5 x 31mm
Construction Aluminium alloy chassis with ABS Polycarbonate back plate
Aounting points 1x Anti-rotation 1/4"/3/8 top and bottom
lower
Operating power 10-19W
Compatible batteries NP-F series and supporting accessories
nput voltage (battery) 6.2V to 16.8V
Battery time (based on 7.4V) 5200mAh - up to 2hrs (monitor & record 4K +60p) 7800mAh - up to 3hrs (monitor & record 4K 60p)
Via DC Jack on Battery Eliminator
ouchscreen
Size 5-inch
Resolution / PPI 1920 x 1080 / 427ppi
Ispect ratio 16:9 native
Color Gamut REC709 HDTV
UT support 3D LUT (.cube format)
Inamorphic de-squeeze 2x, 1.8x, 1.79x, 1.65x, 1.6x, 1.5x, 1.33x, 1.25x
echnology SuperAtom IPS panel (capacitive touch), calibration to Rec.709 with optional calibration unit

HDR	
AtomHDR	Yes
HDR Monitoring/Recording (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 / RED Log3610 / RED LogFilm / RED Log3G12, FujiFilm F-log, PO10k, HLG, Nikon N-Log
HDR Monitoring/Recording (Gamut)	Sony SGamut / SGamut3 / SGamut3.cine, Canon Cine- ma / DCI P3 / DCI P3+, Nikon NLog, Panasonic V Gamut, Arri Alexa Wide Gamut, Rec709 / BT.2020 JVC, RED WideGamut / RED DragonColor / DragonColor2 / RED Color2 / RED Color3 / RED Color4
Bit depth	10-bit (8+2 FRC)
Brightness	1000nit (+/- 10%@centre)
HDR input (PQ/HLG)	Yes
HDR output (PQ/HLG)	Yes
Video Input	
HDMI	1 x HDMI (2.0)
SDI	Optional via Atomos Connect
Signal	Uncompressed true 10-bit or 8-bit 422 (camera dependent)



Video Output (Play Out)		
НДМІ		1 x HDMI (2.0)
Signal		Uncompressed true 10-bit or 8-bit 422 (playback file dependent)
Supported Loop Out Formats		
HDMI to HDMI		720p 50/60, 1080i 50/60, 1080p 24/25/30/50/60/100/120 2160p 24/25/30/50/60
Signal Cross Conversion		SDI>HDMI cross conversion with optional Atomos Connect module
Supported Codecs & frame rates (record & playback)		
Video to	Codec	Resolution / Frame rate
ProRes / DNxHR	Apple ProRes HQ, 422. LT	4K DCl; 24/25/30/50/60p 4K UHD; 24/25/30/50/60p
(DNx utilizes a .MOV wrapper)	AVID DNxHR HQX. HQ, SQ, LB, H.265 (optional)	2K 1080p; 24/25/30/50/60/100^/120^ 1080i; 50/60i, 720p; 50/60p
ProRes RAW	ProRes RAW, ProRes RAW HQ	Up to 5.9Kp29.97 via HDMI (supported cameras)
HEVC	H.265	4K UHD 23.98/24/25/29.97/30/50/59.94/60 1080HD 23.98/24/25/29.97/30/50/59.94/60

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NINJA

Onboard Processing	
Pulldown removal	24/25/30pSF > 24/25/30p (2:2 pulldown) 60i > 24p (3:2 pulldown)
4K UHD downscaling	Yes - Loop out and playback
Audio In/Out (48kHz PCM Audio)	
HDMI	2 or 8ch 24-bit, camera dependent
SDI	Input only with Atomos Connect
Audio	Line in / Mic in / Headphone out 2ch 48kHz 24-bit
Headphone out	3.5mm
Remote Start/Stop	
HDMI	Auto HDMI Trigger Supported Protocols - Canon, Sony Atomos Open Standard
Other	LANC control - Slave
Playback / Slow motion	
Playlist	Yes
CDNG (recorded content)	N/A
ProRes (recorded content)	All recorded files can playback. Playback in slow motion.
DNxHR / DNxHD (recorded content)	All recorded files can playback. Playback in slow motion.

Recording	
Pre-roll record	Yes (HD 8s, 4K 2s). Not available in RAW
Custom timelapse	Yes
Meta data tagging	Yes (10 tags available)
Supported media	2.5-inch SSD/HDD compatibility depends on recording format, resolution and frame rate. CFAST 2.0 Supported cards via optional SSDmini CFASTI Adaptor Please visit atomos.com/drives for list of approved drives.
Master caddy case	Master Caddy II (included) 75mm x 105mm x 12mm
Supported Applications	
XML Support	Cut tag EDL in FCP XML, Adobe limited support with 3rd party conversion tools
Apple ProRes RAW	Apple FCP, Adobe Premiere, After Effects, Avid Media Composer, GrassValley EDIUS, Assimilate Scratch, Baselight Film Light.
Video Codecs	All Applications with support for Apple ProRes and Avid DNX in .MOV wrapper
Expansion	
AtomXpansion Port	Video, Audio & Power In/Out

What's in the Box	
Included	Ninja, 1 x battery eliminator, 1 x USB C PD to 2.1mm DC power lead and QuickStart Guide
Optional extras	Power Kit: 2 x battery, 1 x charger, 1 x power supply AtomX Sunhood for Ninja Atomos HDMI cables X-Rite iIDisplayPro calibration AtomX CAST Atomos Connect
Warranty	One year, extended to two years with Atomos Care360 (optional purchase)

NINJA ULTRA Above and beyond

5-inch, 1000nit HDR monitor-recorder for mirrorless and cinematic cameras



Choose your workflow

Ninja Ultra is a leap forward in filmaking technology. You get all of Ninja's tools and capabilities, but In conjunction with the Atomos Connect, it opens up a host of ultra-efficient cloud workflows, including dual record ProRes RAW/H.265 for Camera to Cloud and 4K H.265 for instant publishing from the cloud. Atomos' close partnerships with major camera manufacturers ensure that Ninja works flawlessly with an increasing range of DSLR, mirrorless and cinematic cameras.

£675 Excluding VAT Ask your dealer for a demonstration

FEATURES

Record up to 8Kp30 and 4Kp120 in Apple ProRes RAW; choose from ProRes RAW, ProRes, DNxHD and H.265 Auto matched filenames from ARRI, Canon, RED and Sony cameras via SDI NEW!

*requires Atomos Connect

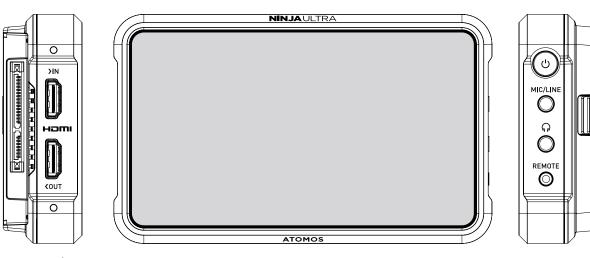
Capture 4Kp60 ProRes RAW and H.265 simultaneously for Camera to Cloud Comprehensive monitoring tools with EL ZONE[™] system exposure and ARRI false color **NEW!**

Share what's on your screen with anyone in the world with Atomos RemoteView* NEW!

*requires Atomos Connect

ProRes RAW

ProRes DNxHD H.265 HEVC



Weight and Dimensions	
Without Batteries & Media	360g/12.7oz
Dimensions (W x H x D mm)	151 x 91.5 x 31mm
Mounting Points	1 x Anti-rotation 1/4"/3/8 top and bottom
Environmental	
Ambient Operating Temperature	Up to 40°C
Construction	
Body	Aluminium with ABS plastic
Tally Light	Rear and front
Multi-function Button	Power / lock screen
AtomXpansion Port	Yes
Power	
Operating Power	5.8 - 7.2V
Compatible Batteries	NPF L series
Input Voltage (Battery)	6.2V to 16.8V

Battery Run Time Record	5200mAh - up to 2hrs (monitor & record 4Kp60) 7800mAh - up to 3hrs (monitor & record 4Kp60)
DC in Connector	Via DC Jack on battery eliminator
DTAP	Via battery eliminator and optional DTap to DC cable
Display	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	5.2-inch
Resolution	1920 x 1080px
РРІ	427
Bit Depth	10-Bit (8+2FRC)
Backlight Type	Edge lit
Brightness (cdm2 / nits)	1000 +/- 10%
Aspect Ratio	16 : 9
De-interlace mode	I > P and PSF > P
Color Gamut	Rec.709
Calibration Support	Atomos Calibrator with Xrite i1 Display Pro / Plus (sold separately)

Color Pipeline	
Gamma	Sony SLog / SLog2 / SLog3. Canon CLog / CLog2 / Clog3. Arri Log CEI160 / LogCEI200 / LogCEI250 LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 LogCEI800 / LogCEI1000 / LogCEI280 / LogCEI1600, Panasonic Vlog, JVC JLog1. Red LogCEI160, Panasonic Vlog, JVC JLOG1. Red LogCEI160, Panasonic Vlog, JVC
Gammut	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
3D LUT 50/50	Yes
Monitoring Modes	Native / HLG / PQ / 3D LUT
HDR Output Conversion	Log / HDR to HLG / PQ / Dolby Vision

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NINJA ULTRA

Video Input	
НДМІ	1 x HDMI (2.0) 4Kp60
HDMI RAW	ProRes RAW up to 8Kp30
SDI	Optional via Atomos Connect
Bit Depth	8/10-Bit Video / RAW up to 12-Bit
Metadata	
НДМІ	RAW - white balance, Exposure index, Shutter speed/angle, Iris F stop, ISO, Gamma, gamut
SDI	Optional with Atomos Connect
Video Output (Play Out)	
НДМІ	1 x HDMI (2.0) 4Kp60
Playback	
Playlist	Yes, create customer playlists from full or sub clips
Loop	Yes, with user customizable in / out markers
ProRes RAW	Yes, recorded clips
ProRes	Yes, with linear PCM audio
Avid DNx	Yes, with linear PCM audio
H.265	Yes, recorded clips
Recording Functions	
Pre-roll Record	Yes (HD 8s, 4K 2s) - not available in RAW
Timelapse	Yes

Playback	
Playlist	Yes, create customer playlists from full or sub clips
Loop	Yes, with user customizable in / out markers
ProRes RAW	Yes, recorded clips
ProRes	Yes, with linear PCM audio
Avid DNx	Yes, with linear PCM audio
H.265	Yes, recorded clips
Resolution & Frame Rates (Record, Monitor & Playback)
8К	RAW only up to 30p via HDMI
6К	RAW only up to 60p via HDMI
5К	RAW only up to 60p via HDMI
4K DCI	23.98/24/25/29.9/30/50/59.94/60p - HFR 100/120 via RAW over HDMI or SDI (Atomos Connect required) on selected cameras
4K UHD	23.98/24/25/29.9/30/50/59.94/60p /100p*/120p*.*HDMIRAW or SDIRAW (Atomos Connect required)
2K DCI 2048 x 1080	Optional via Atomos Connect SDI
Anamorphic	3.5K: RAW up to 60p (from supported cameras only)
FHD 1920 x 1080 Progressive	23.98/24/25/29.9/30/50/59.94/60/100/120p
FHD 1920 x 1080 PsF	Converted to P and looped out PsF
FHD 1920 x 1080 Interlaced	1080i50/1080i60i
1280 x 720p	50/59.94/60p

Recording CODEC	
ProRes RAW	ProRes RAW, ProRes RAW HQ
ProRes	LT, 422, 422HQ
Avid DNxHD	DNxHD 220x, 220, 145, 36
Avid DNxHR	LB, SQ, HQ, HQX
H.265	LQ, MQ, HQ in 8/10Bit, 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
ProRes RAW	Yes, recorded clips
ProRes	Yes, with linear PCM audio
Avid DNx	Yes, with linear PCM audio
H.265	Yes, recorded clips
Recording Functions	
Pre-roll Record	Yes (HD 8s, 4K 2s) - not available in RAW
Timelapse	Yes
Supported Media	
Master Caddy I	Not compatible
Master Caddy II	For 2.5-inch Drives in MasterCaddy II
SSDmini	Native size and fit
CFast II	Supported cards via optional SSDmini CFAST II Adaptor
File Naming	Unit Name - Scene/Shot/Take. Matching file- names from ARRI, Canon, RED & Sony cameras
File System	ExFAT

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NINJA ULTRA

On Screen Tools	
Waveform	Yes, 3 size / position
RGB Parade	Yes, 3 size / position
Vector Scope	Yes, 2 size / position
1 x Zoom	Yes. 1:1 pixel mapping for 4K
2 x Zoom	Yes
Focus Peaking	Color selected / threshold setting / color / mono / edges only
False Color	Yes, with Scale
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	2x, 1.8x, 1.79x, 1.65x, 1.6x, 1.5x, 1.33x, 1.25x
Display Flip	Vertical Only
Onboard Signal Processing	
Pulldown Removal	24/25/30pSF > 24/25/30p (2:2 pulldown) 60i > 24p (3:2 pulldown)
4K UHD Downscale for HD	Loop out - 4K UHD to FHD
DCI Crop	Loop out - 17:9 to 16:9 crop
Remote Control	
НДМІ	Auto HDMI Trigger, supported protocols - Can- on, Sony, Atomos Open Standard
SDI	SDI trigger from ARRI, Canon, RED and Sony cameras (requires Atomos Connect).

External Device Control	
Serial 2.5mm Jack	Camera control for supported cameras via Optional USB to Serial Cable
Bluetooth LE	Via optional Atomos Connect accessory
Wireless RF	Via optional Atomos Connect accessory
Supported Applications	
XML	Cut tag EDL in FCP XML, Adobe limited support with 3rd party conversion tools
ProRes Raw	Apple FCP, Adobe Premiere, After Effects, Avid Media Composer, GrassValley EDIUS, Assimilate Scratch, Baselight Film Light.
Video Codecs	All applications with support for ProRes and Avid DNX in .MOV wrapper
Expansion	
AtomXpansion Port	Video, Audio & Power In/Out
What's in the box	
Accessories Included	Ninja Ultra, 1 x battery eliminator, 1 x USB C PD to 2.1mm DC power lead and QuickStart Guide
Optional Extras	Power Kit: 2 x battery, 1 x charger, 1 x power supply AtomX Sunhood for Ninja V, Atomos HDMI cables X-Rite illosiplayPro calibration AtomX CAST, Atomos Connect

Warranty	
Standard	One year, extended to two years with Atomos Care360 (optional purchase)
Target use / User	
Mirrorless cameras	Y
Directors' monitor	Y
Games Capture	Y
Streaming	Y
Pro Video	Y
Gimbal / Crane	Y

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Gobigger. Gofurther.

7-inch, 2000nit HDR monitor-recorder with network connectivity





SHOGUN Turn it up to 11

Shogun combines portable monitoring and professional RAW recording, with integrated support for cloud-based workflows. Ideal for DSLR, mirrorless and cinematic cameras, with HDMI and SDI I/O. Powered by AtomOS 11.



Ask your dealer for a demonstration

FEATURES

Record up to 4Kp60 in Apple ProRes, Avid DNxHD and H.265 (HEVC)

ProRes

Record up to 6Kp30 and 4kp60 in Apple ProRes RAW

EL ZONE™ System and ARRI false color NEW!

Share live views from vour screen with RemoteView **NEW!**

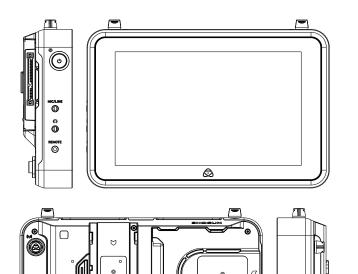
Includes AirGlu[™] for wireless timecode via RF and Bluetooth LE

4K H.265 recording NEW!

ProResRAW

DNxHD H.265 HEVC

SHOGUN



6.2V - 16.8V DC

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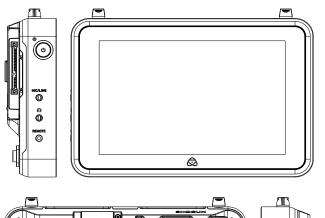
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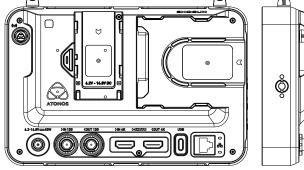
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Physical Specifications	
Weight (Monitor Only)	730g / 1.6lb (excluding batteries)
Dimensions (Monitor Only)	198mm x 133mm x 40mm / 7.8" x 5.2" x 1.57"
Mount Points	Top: 1 x 1/4"20 or 3/8" with anti rotational points, Bottom: 1 x 1/4"20 or 3/8" with anti rotational points, Right: 1 x 1/4"20 or 3/8" with anti rotational points
Physical Specifications	
Mount Points	Up to 40 Degrees Celsius
Construction and Control	
Body	Aluminium alloy chassis with ABS Polycarbonate back plate
Cooling	Actively controlled fan and heat sink
Multi-function Button	Power / lock screen
Tally light	Yes
Power	
Input voltage (battery)	6.2V to 16.8V
Battery Voltage	7.2V
Compatible Batteries	1xNP-F / L-Series
DC In Connector	Locking DC Jack (5.5mm OD & 2.1mm ID)
D-TAP	Via optional D-Tap to DC cable
Display	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	7-inch
Resolution	1920 × 1200
PPI	325
Bit Depth	10-bit (8+2 FRC)
Backlight	Edge lit
Brightness (cdm2 /Nits)	2000nit +/-10%
Aspect Ratio	16:9 Image Display
Color Gamut	Rec.709
Calibration Support	Atomos calibrator with Xrite i1 Display Pro / Plus (sold separately)

Color Pipeline 3D LUT Display		.Cube Format
3D LUT Down Stream		Loop out
3D LUT 50/50		Yes
Monitoring Mode	 9	Native / Rec.709 / HLG / PQ / 3D LUT
HDR Output Conv		HLG / PQ
Gamma Gamma Sony SLog / SL Log CEI160 / Lo Log CEI500 / Lo / Log CEI500 / Lo / Log CEI500, / Log 3G12, Fuji		Log2 / SLog3, Canon CLog / CLog2 / Clog3, ARRI ogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / ogCEI640 / LogCEI800 / LogCEI1000 / LogCEI1280 Panasonic Vlog, JVC JLog1, RED LogFilm / Log3G10 Film Flog, PQ (HDR10), HLG, Nikon N-Log, Z CAM ous OM-Log400 / Flat, Leica L-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	
Colour Managem	nent	
Calibration		Atomos Calibrator with Calibrite ColorChecker Display Pro or ColorChecker Display Plus
Display controls		Backlight, Lift, Gamma, Gain
AtomHDR		Built in Technical Log to HDR EOTF
3D luts		Display, monitor and output, Record, Load via SSD
Legalize		Input
Video Input		
HDMI		1 x HDMI 2.0
SDI		1 x 12G SDI
Bit Depth		8 / 10-bit
Video Chroma Su	bsampling	YCbCr 420 & 422
HDR		Yes with HDMI Auto detection
Metadata		
HDMI		RAW - white balance, Exposure index, Shutter speed/angle, Iris F stop, ISO, Gamma, gamut
SDI		File Name from ARRI, RED. RAW - white balance, Exposure index, Shutter speed/angle, Iris F stop, ISO, Gamma, gamut
File Naming		
Standard		S/S/T & Rolling
Via SDI		RED, ARRI

SHOGUN

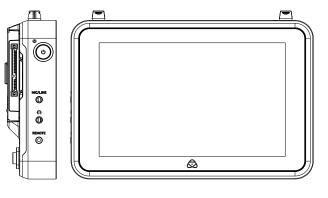


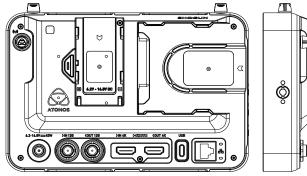


Video Output	
HDMI	1 × HDMI 2.0
SDI (Play Out)	1 x 12G SDI
HDR	Yes with Auto detection
Audio In/Out	
Audio Quality	24-Bit / 48kHz
Audio Codec	PCM
HDMI	8ch 24Bit, input dependent
SDI	12ch 24Bit, input dependent
Analogue Audio In	3.5mm Jack - 5v power
Analogue Audio Out	3.5mm Jack
Headphone Out	3.5mm Jack
Network	
Ethernet	1GbE RJ45
Wi-Fi	WI-FI 6
Wireless RF	AirGlu™ SYNC Time code Network
Cellular	Connect to Hot Spot via Wi-Fi
Web Streaming	
RTMP	Yes
RTMP/S	Yes
Video Signal Conversion	
HDMI to SDI	Yes
SDI to HDMI	Yes
Timecode / Sync	
SDI Embedded	Embedded
HDMI Embedded	Embedded
Time of day	Yes
Wireless SYNC	AirGlu™ SYNC Time code Network Server or Client
RF Network range	300m
RF Frequency	Region dependant
Number of Channels	12 RF Channels per Region
Number of RF clients	Region dependant
Bluetooth Network Range	10-15m (line of sight)
Number of BT clients	4 clients
LTC	No BNC input

6K RAW	up to 6Kp60 Via HDMI & 6Kp30 SDI
4K RAW	up to 4Kp120 via HDMI / SDI
3.5K Anamorphic RAW	up to 3.5Kp60 via HDMI
2K RAW	up to 2Kp240 via SDI
4K DCI	up to 4Kp60
4K UHD	up to 4Kp60
2K DCI 2046 x 1080	up to 2Kp60
FHD 1920 x 1080 Progressive	up to 1080p120
FHD 1920 x 1080 PsF	Pull down
FHD 1920 x 1080 Interlaced	1080i50 / 1080i60
1280 x 720p	60p
Recording CODEC	
Apple ProRes RAW, HQ	up to 12bit 8Kp30 / 4Kp120
ProRes HQ / 422 / LT	up to 4Kp60
Avid DNxHD	up to 1080p60
Avid DNxHR	up to 4Kp60
H.265	up to 4Kp60 (MOV container)
Primary Codec + Proxy Record	ProRes RAW, ProRes, DNx with H.265
Pre Roll	8 secs HD / 4 secs 4k ProRes & DNx
Timelapse	Yes
Gang control	SYNC record control
Playback	
Playlist	Yes, Selected, Favourites or Combined
Loop Playback	Yes, with custom in and out points
Apple ProRes Raw	Yes, recorded clips
ProRes HQ / 422 / LT	Yes with linear PCM
Avid DNx HD	Yes with linear PCM
Avid DNx HR	Yes with linear PCM
H.265	Recorded clips
Monitoring	
SDR	Native, 709, LUT
HDR	HLG, PQ Rec2020
De-Interlace	Selectable mode

SHOGUN





Supported Media	
Interface	SATA 3
Master Caddy I	No
Master Caddy II	Yes
Master Caddy III	Yes
SSDmini	Yes
CFast II	Yes via AtomX CF adapter
File System	exFAT
On Screen Tools	
Waveform	3 sizes
RGB parade	3 sizes
Vector scope	Small / large
1 x Zoom	Tap to zoom
2 x Zoom	Tap to zoom
Focus peaking	Coloured and slider for threshold
Zebra	Customisable
False color	With IRE scale
Isolate color channel	Blue only
Cine Frame Guides	Preset and Custom
Social Frame guides	Preset and Custom
Safe areas	SMPTE frame size – Action and Safe
Grid markers	9 grid
Frame Grab & Onion Skin Overlay	Lossless PNG 1920 x 1080
Anamorphic desqueeze	2x, 1.8x, 1.79x, 1.65x, 1.6x, 1.5x, 1.33x, 1.25x
Display Flip	Vertical
Onboard Signal Processing	
RAW to Video loop out	Yes, conversion from Larger Resolutions to 4K
4K UHD downscale for HD	Yes, menu enabled
DCI Crop	Yes, menu enabled
I > P	2:2 and 3:2
PSF > P	2:2 and 3:2

Remote Control	
Bluetooth LE	via AtomControl App
External Device Control	
Serial 2.5mm Jack	Remote to USB - Z CAM
Supported Applications	
XML – Cut, Tag & Edit	Final Cut Pro
Apple ProRes Raw	Apple Final Cut Pro, Adobe Premiere, Avid Media Composer, Grass Valley EDIUS, Assimilate Scratch
Apple ProRes	All Applications with support for Apple ProRes in .MOV wrapper
Avid DNx	All Applications with support for Avid DNX in .MOV wrapper
What's in the box	
Accessories included	Shogun International Power supply, 7" protective Pouch, AtomX SSDmini Handle, MasterCaddy III with screws, Wifi Antenna with Black caps, RF antenna, Antenna storage Pouch, 3.5mm audio jack to jack cable, Antenna coloured caps, Antenna mount covers, Screen Cloth
Warranty	
Standard	One year
Extended	Two years with optional Atomos Care360 (optional purchase)

SHOGUN ULTRA Complete connectivity

7-inch, 2000nit HDR monitor-recorder for enhanced camera to cloud workflows



SHOGUN ULTRA Capture Every Nuance

Shogun combines portable monitoring and professional RAW recording, with integrated support for advanced cloud-based workflows. Ideal for DSLR, mirrorless and cinematic cameras, with HDMI and SDI I/O. Powered by AtomOS 11.

£999 Excluding VAT Ask your dealer for a demonstration

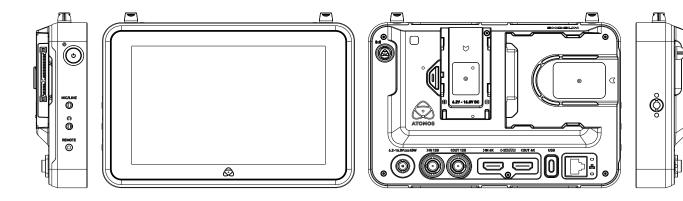
FEATURES

Record up to 4Kp60 in Apple ProRes, Avid DNxHD and H.265 (HEVC); up to 8Kp30 and 4Kp120 in Apple ProRes RAW EL ZONE[™] System and ARRI false color NEW! Share live views from your screen with RemoteView **NEW!** Dual 4Kp60 ProRes RAW and proxy recording for Cloud NEW! Auto matched filenames from ARRI, Canon, RED and Sony cameras **NEW**! Tri-Band Wi-Fi 6E NEW!

ProRes RAW ProRes

S DNxHD H.265 HEVC

SHOGUN ULTRA



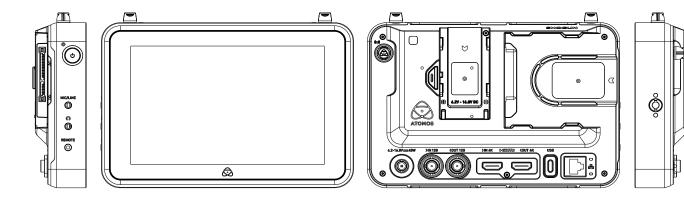
Physical Specifications	
Weight (Monitor Only)	730g / 1.6lb (excluding batteries)
Dimensions (Monitor Only)	198mm x 133mm x 40mm / 7.8" x 5.2" x 1.57"
Mount Points	Top: 1 x 1/4"20 or 3/8" with anti rotational points, Bottom: 1 x 1/4"20 or 3/8" with anti rotational points, Right: 1 x 1/4"20 or 3/8" with anti rotational points
Physical Specifications	
Mount Points	Up to 40 Degrees Celsius
Construction and Control	
Body	Aluminium alloy chassis with ABS Polycarbonate back plate
Cooling	Actively controlled fan and heat sink
Multi-function Button	Power / lock screen
Tally light	Yes
Power	
Input voltage (battery)	6.2V to 16.8V
Battery Voltage	7.2V
Compatible Batteries	1 x NP-F / L-Series
DC In Connector	Locking DC Jack (5.5mm OD & 2.1mm ID)
D-TAP	Via optional D-Tap to DC cable
Display	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	7-inch

Resolution		1920 x 1200
PPI		325
Bit Depth		10-bit (8+2 FRC)
Backlight		Edge lit
Brightness (cdm2	/Nits)	2000nit +/-10%
Aspect Ratio		16:9 Image Display
Color Gamut		Rec.709
Calibration Suppo	ort	Atomos calibrator with Xrite i1 Display Pro / Plus (sold separately)
Color Pipeline		
3D LUT Display		.Cube Format
3D LUT Down Stre	am	Loop out
3D LUT 50/50		Yes
Monitoring Modes		Native / Rec.709 / HLG / PQ / 3D LUT
HDR Output Conversion		HLG / PQ
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, Z CAM Z-Log2, Olympus OM-Log400 / Flat, Leica L-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	

Colour Management	
Calibration	Atomos calibrator with Xrite i1 Display Pro / Plus (sold separately)
Display controls	Backlight, Lift, Gamma, Gain
AtomHDR	Built in Technical Log to HDR EOTF
3D luts	Display, monitor and output, Record, Load via SSD
Legalize	Input
Video Input	
HDMI	1 x HDMI 2.0
SDI	1 x 12G SDI
Bit Depth	8 / 10-bit
Video Chroma Subsampling	YCbCr 420 & 422
HDR	Yes with HDMI Auto detection
Metadata	
HDMI	RAW - white balance, Exposure index, Shutter speed/angle, Iris F stop, ISO, Gamma, gamut
SDI	File Name from ARRI, Canon, RED, Sony - white balance, Exposure index, Shutter speed/angle, Iris F stop, ISO, Gamma, gamut
File Naming	
Standard	S/S/T & Rolling
Via SDI	ARRI, Canon, RED, Sony

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SHOGUN ULTRA



Video Output	
HDMI	1 x HDMI 2.0
SDI (Play Out)	1 x 12G SDI
HDR	Yes with Auto detection
Audio In/Out	
Audio Quality	24-Bit / 48kHz
Audio Codec	PCM
HDMI	8ch 24Bit, input dependent
SDI	12ch 24Bit, input dependent
Analogue Audio In	3.5mm Jack - 5v power
Analogue Audio Out	3.5mm Jack
Headphone Out	3.5mm Jack
Network	
Ethernet	1GbE RJ45
Wi-Fl	Wi-Fi 6E
Wireless RF	AirGlu [™] SYNC Time code Network
Cellular	Connect to Hot Spot via Wi-Fi
Web Streaming	
RTMP	Yes
RTMP/S	Yes
Video Signal Conversion	
HDMI to SDI	Yes
SDI to HDMI	Yes

Timecode / Sync	
SDI Embedded	Embedded
HDMI Embedded	Embedded
Time of day	Yes
Wireless SYNC	AirGlu™ SYNC Time code Network Server or Client
RF Network range	300m
RF Frequency	Region dependant
Number of Channels	12 RF Channels per Region
Number of RF clients	Region dependant
Bluetooth Network Range	10-15m (line of sight)
Number of BT clients	4 clients
LTC	No BNC input
Resolution & Frame Rates (Record,	Monitor & Playback)
8K RAW	up to 8Kp30 Via HDMI
6K RAW	up to 6Kp60 Via HDMI & 6Kp30 SDI
4K RAW	up to 4Kp120 via HDMI / SDI
3.5K Anamorphic RAW	up to 3.5Kp60 via HDMI
2K RAW	up to 2Kp240 via SDI
4K DCI	up to 4Kp60
4K UHD	up to 4Kp60
2K DCI 2046 x 1080	up to 2Kp60
FHD 1920 x 1080 Progressive	up to 1080p120
	Pull down
FHD 1920 x 1080 PsF	
FHD 1920 x 1080 PsF FHD 1920 x 1080 Interlaced	1080i50 / 1080i60

Recording CODEC	
Apple ProRes RAW, HQ	up to 12bit 8Kp30 / 4Kp120
ProRes HQ / 422 / LT	up to 4Kp60
Avid DNxHD	up to 1080p60
Avid DNxHR	up to 4Kp60
H.265	up to 4Kp60 (MOV container)
Primary Codec + Proxy Record	ProRes RAW, ProRes, DNx with H.265
Pre Roll	8 secs HD / 4 secs 4k ProRes & DNx
Timelapse	Yes
Gang control	SYNC record control
Playback	
Playlist	Yes, Selected, Favourites or Combined
Leen Dlovbeek	
Loop Playback	Yes, with custom in and out points
Apple ProRes Raw	Yes, with custom in and out points Yes, recorded clips
	· · · ·
Apple ProRes Raw	Yes, recorded clips
Apple ProRes Raw ProRes HQ / 422 / LT	Yes, recorded clips Yes with linear PCM
Apple ProRes Raw ProRes HQ / 422 / LT Avid DNx HD	Yes, recorded clips Yes with linear PCM Yes with linear PCM
Apple ProRes Raw ProRes HQ / 422 / LT Avid DNx HD Avid DNx HR	Yes, recorded clips Yes with linear PCM Yes with linear PCM Yes with linear PCM
Apple ProRes Raw ProRes HQ / 422 / LT Avid DNx HD Avid DNx HR H.265	Yes, recorded clips Yes with linear PCM Yes with linear PCM Yes with linear PCM
Apple ProRes Raw ProRes HQ / 422 / LT Avid DNx HD Avid DNx HR H.265 Monitoring	Yes, recorded clips Yes with linear PCM Yes with linear PCM Yes with linear PCM Recorded clips

SHOGUN ULTRA

Supported Media	
Interface	SATA 3
Master Caddy I	No
Master Caddy II	Yes
Master Caddy III	Yes
SSDmini	Yes
CFast II	Yes via AtomX CF adapter
File System	exFAT
On Screen Tools	
Waveform	3 sizes
RGB parade	3 sizes
Vector scope	Small / large
1 x Zoom	Tap to zoom
2 x Zoom	Tap to zoom
Focus peaking	Coloured and slider for threshold
Zebra	Customisable
False color	With IRE scale
Isolate color channel	Blue only
Cine Frame Guides	Preset and Custom
Social Frame guides	Preset and Custom
Safe areas	SMPTE frame size - Action and Safe
Grid markers	9 grid
Frame Grab & Onion Skin Overlay	Lossless PNG 1920 x 1080
Anamorphic desqueeze	2x, 1.8x, 1.79x, 1.65x, 1.6x, 1.5x, 1.33x, 1.25x
Display Flip	Vertical

Onboard Signal Processing	
RAW to Video loop out	Yes, conversion from Larger Resolutions to 4K
4K UHD downscale for HD	Yes, menu enabled
DCI Crop	Yes, menu enabled
I > P	2:2 and 3:2
PSF > P	2:2 and 3:2
Remote Control	
Bluetooth LE	via AtomControl App
External Device Control	
Serial 2.5mm Jack	Remote to USB – Z CAM
Supported Applications	
XML – Cut, Tag & Edit	Final Cut Pro
Apple ProRes Raw	Apple Final Cut Pro, Adobe Premiere, Avid Media Composer, Grass Valley EDIUS, Assimilate Scratch
Apple ProRes	All Applications with support for Apple ProRes in .MOV wrapper
Avid DNx	All Applications with support for Avid DNX in .MOV wrapper

What's in the box	
Accessories included	Shogun Ultra International Power supply, 7" protective Pouch, AtomX SSDmini Handle, MasterCaddy III with screws, Wifi Antenna with Black caps, RF antenna, Antenna storage Pouch, 3.5mm audio jack to jack cable, Antenna coloured caps, Antenna mount covers, Screen Cloth
Warranty	
Standard	One year
Extended	Two years with Atomos Care360 (optional purchase)

The fastest path from both the second second

ZATO

States and a state of the

- 1000x10 - 1000x10 -- MIX -- HL348

5-inch, 1000nit monitor-recorder with encoding



ZATO CONNECT **Stream Genius**

Zato Connect can be used in so many different ways. It's a streaming device with built-in monitoring and H.264 recording. It's an incredibly low-cost entry point to camera to cloud, allowing you to capture, edit and post your social media content in the fastest possible way. And it's an NDI powerhouse too!

£269 Excluding VAT Ask your dealer for a demonstration

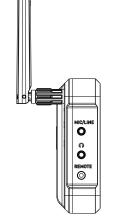
FEATURES

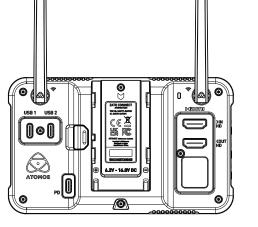
Stream, record and output your program simultaneously, without a PC or laptop Receive an NDI HX2 source, view, loop-out and record NEW!

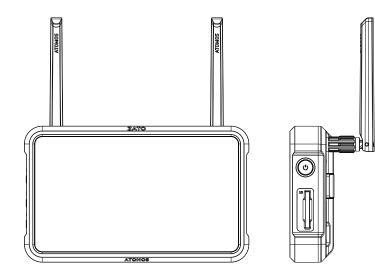
*Coming soon

Connect to Atomos Cloud Studio services via GigE Ethernet or Wi-Fi 5 Connect to your choice of Camera to Cloud platform - Atomos Edit, Adobe Frame.io or Sony Ci Media Record in H.264 to SD card

ZATO CONNECT







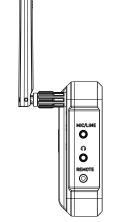
Physical Specifications	
Weight (grams/lbs) without battery / accessories	245g / 8.64oz
Dimensions (W x H x D mm)	151 x 91.5 x 29.5mm
Environmental	
Ambient operating temperature (C/F)	Up to 40 Degrees Celsius
Construction and Control	
Body	Polycarbonate ABS plastic
Multi-function Button	Power / lock screen
Cooling	Passive
Network Config Settings	Auto-Join WiFi, DHCP, Manual Network Configuration

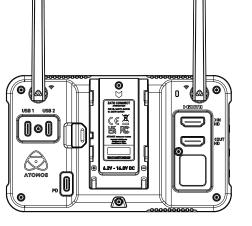
Power	
Input voltage range	6.2V to 16.8V
Max Wattage	20W
USB	USB-C PD
Compatible batteries	1 x NP-F / L series
Battery voltage	7.2V
DC in connector	Via locking DC Jack on optional Battery Eliminator (5.5mm OD & 2.1mm ID)
D-Тар	Via optional D-Tap to DC cable
Display	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	5.2-inch
Resolution / PPI	1920 x 1080 / 427
Viewing angle	178 H + V
Color Gamut	Rec 709
Bit Depth	10-Bit (8+2 FRC)
Backlight type	Edge
Brightness (cdm2/Nits)	1000 (+/-10%)

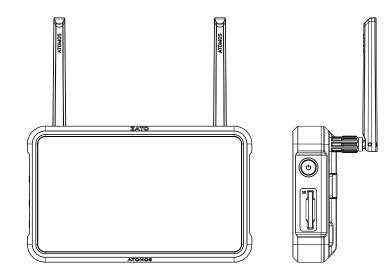
Video In/Out	
HDMI In	.Cube Format
HDMI Out	Loop out
USB In	Yes
USB Out	Native / Rec.709 / HLG / PQ / 3D LUT
Bit Depth	HLG / PQ
Video Chroma Subsampling	YCbCr 420
Audio In/Out	
Audio Quality	16-Bit / 48kHz
Audio Quality Audio Codec	16-Bit / 48kHz BPCM (In & Out) & AAC (Streaming & Recording)
Audio Codec	BPCM (In & Out) & AAC (Streaming & Recording)
Audio Codec HDMI	BPCM (In & Out) & AAC (Streaming & Recording) 2ch, input dependent
Audio Codec HDMI Analogue Audio In	BPCM (In & Out) & AAC (Streaming & Recording) 2ch, input dependent 3.5mm Jack - 5v power
Audio Codec HDMI Analogue Audio In Analogue Audio Out	BPCM (In & Out) & AAC (Streaming & Recording) 2ch, input dependent 3.5mm Jack - 5v power 3.5mm Jack

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ZATO CONNECT







Video Input	
HDMI	HDMI 1.4
USB	USB UVC Webacm
NDI	NDI HX2
Network	
Ethernet	Via included USB-C Dongle
Wi-Fi	Wi-Fi 5
USB Host	USB Webcam
Atomos Cloud	Connect to Atomos Cloud Studio services
Cellular	Connect to Hot Spot via Wi-Fi
Web Streaming	
USBUVC	Yes, up to 1080p60
RTMP / S	Yes, authenticate and configure via Atomos Cloud Studio
Resolution & Frame Rates (Record, Monitor & Playback)	
FHD 1920 x 1080 Progressive	Up to 1080p60
1280 x 720 Progessive	Up to 720p60

Recording CODEC	
H.264	Up to 1080p60
Codec option	LQ, MQ, HQ, XQ
Playback	
H.264	Clips recorded on-device
HDMI Out	Up to 1080p60
UVC Out	Up to 1080p60
Monitoring	
SDR	Rec.709
Supported Media	
SD	SD UHS-1 (Up to 128GB size)
On Screen Tools	
2 x Zoom	Tap to zoom
Grid markers	9 grid
Frame guides	16:9, 1.91, 4:3, 1:1, 4:5, 9:16
Display Flip	Vertical and Horizontal (Selfie mode)

Supported Applications	
H.264	All Applications with support for H.264 in .MP4 wrapper
What's in the Box	
Included	Zato Connect, 2 x Wi-Fi Antennas with black caps, 5 x Antenna colored caps: White/Red/ Yellow/ Black/Green, 2 x Antenna Top Caps, 2 x Antenna Mount Cover, 1 x USB-C to USB-C Cable, USB-C to Ethernet Adapter, 1 x Antenna Storage Pouch, 1 x Quick Start Guide, 1 x Screen Cloth
Warranty	
Standard	One year, extended to two years with Atomos Care360 (optional purchase)

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The ultimate upgrade

Network, wireless and SDI expansion module for Ninja



ATOMX



ATOMOS CONNECT Creativity. Connected.

Atomos Connect is much more than just an accessory. It's the ultimate expansion module for Ninja that incorporates the latest Wi-Fi 6/6E chipset for low latency and reliability. Ideal for face to face or remote collaboration, Atomos Connect for Ninja creates new workflows for digital cinema, mirrorless, and DSLR cameras. Compatible with Ninja / Ninja Ultra / Ninja V/V+.



FEATURES

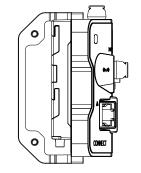
Connect Atomos Cloud Studio services Adds Wi-Fi 6/6E, NDI®, GigE Ethernet, Bluetooth LE and 12G-SDI

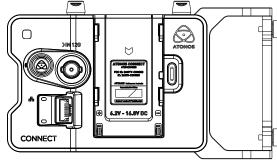
*Requires paid for activation key

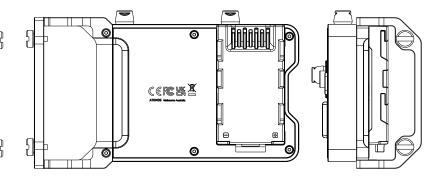
Share live views from your screen with RemoteView **NEW!** Connect to your choice of Camera to Cloud platform -Atomos Edit, Adobe Frame.io or Sony Ci Media Adds AirGlu™ for wireless timecode via RF and Bluetooth LE Stream in NDI I HX2 via Ethernet or Wi-Fi to local network* **NEW!**

*Requires paid for activation key

ATOMOS CONNECT







Physical Specifications	
Weight (Monitor Only)	230g / 0,5 lbs
Dimensions (Monitor Only)	150mm x 88mm x 53.5mm / 3.4" x 5.9" x 2.11"
Mount Points	2 x Thumb screws to mount to Ninja
Construction	
Body	ABS Polycarbonate
Tally light	Yes
Power	
Input voltage (battery)	6.2 - 16.8v
Compatible Batteries	NP-F / L-Series
DC In	via locking DC Jack on Battery Eliminator (5.5mm OD & 2.1mm ID)
DTAP	Via optional D-Tap to DC cable
Video Input	
SDI In	1 x 12G SDI
SDIRAW	SDI RAW Included with Ninja and Ninja Ultra

Network	
Ethernet	1GbE RJ45
Wi-Fi	Wi-Fi 6 Or Wi-Fi 6E for Ultra on OS11
Wireless RF	AirGlu™ SYNC Time code Network
Cellular	Connect to Hot Spot via Wi-Fi
Web Streaming	
RTMP	Yes
RTMP/S	Yes
Video Signal Conversion	
HDMI to SDI	No
SDI to HDMI	Yes, via Ninja
Timecode / Sync	
SDIEmbedded	Embedded
Wireless SYNC	AirGlu™ SYNC Time code Network
RF Network range	300m
RF Frequency	Region dependant
Number of Channels	12 RF Channels per Region
Number of RF clients	100 clients
Bluetooth Network Range	10-15m (line of sight)
Number of BT clients	4 clients per device
LTC	No BNC input

Remote Control	
Bluetooth LE	via AtomControl App for Monitor Assist Tools
What's in the Box	
Accessories included	Atomos Connect, AtomX SSDmini Handle, MasterCaddy III with screws, Wifi Antenna with Black caps, RF antenna, Antenna storage Pouch, 3.5mm audio jack to jack cable, Antenna coloured caps, Antenna mount covers
Warranty	
Standard	One year, extended to two years with Atomos Care360 (optional purchase)

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ATOMX CAST Record, switch and stream

Multi-input HD video switcher expansion module for Ninja





ATOMX CAST Broadcast features. For everyone.

AtomX Cast is a modular companion for the Ninja that uses the AtomX expansion port to transform it into an advanced multi-camera switcher. Using the Ninja's 5-inch touchscreen monitor, you can switch between 4 HDMI inputs and 2 HDMI 2.0 outputs. You can also add monitoring and encoding with Zato Connect. A desktop app is available for Mac or PC to give greater control and unique color matching. Compatible with Ninja / Ninja Ultra / Ninja V/V+.

£135 Excluding VAT Ask your dealer for a demonstration

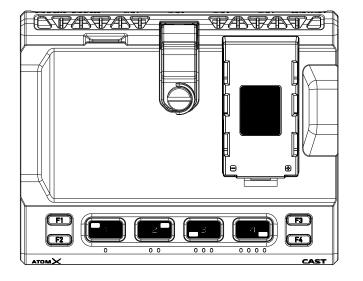
FEATURES

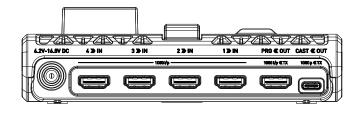
Convert your Ninja into a multicamera HD video switcher Switch between up to 4 HDMI sources

Display two inputs at the same time with Picture-in-Picture

Unique Al-assist automatic color matching with the Cast desktop app **NEW!**

ATOMX CAST





Weight	(9Eg / 106lbg
Weight	485g / 1.06lbs
Dimensions (Control Unit)	129 x 49 x 160 (with out Ninja / Ninja Ultra)
Mount Points	Anti rotational 1/4" 20 / 3/8 on base of unit
Construction	
Body	ABS plastic with locking arm for Ninja / Ninja Ultra
Cooling	Passive
Tally light	Record tally Via Ninja / Ninja Ultra, Program and Preview illumination on CAST buttons
Control Button	4 x Switching, 4 x Function
AtomXpansion slot	To connect to Ninja / Ninja Ultra (no module pass through)
Power	
Input Voltage	6.2V to 16.8V
DC in connector	Lock DC connector from Ninja / Ninja Ultra DC power supply
Battery	Via optional Atomos DC to DTAP cable
Display - Via Ninja V/V+	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	5.2-inch
Resolution	1920 x 1080
Brightness	1000nits
Aspect Ratio	16:9
Color Gamut	Rec.709
Video Input	
HDMI	4 x HDMI 1.4b up to 1080p60
Bit Depth	10-bit
Video Chroma Subsampling	422
HDCP copy protection	No
Video Output	
Via CAST	HDMI 1.4b up to 1080p60 - Program ONLY
Via Ninja V/V+	Multi functions out - Program, Preview, Multiview
Multiview	Yes, via Ninja / Ninja Ultra Display or HDMl output
OS overlays	Optional via Ninja / Ninja Ultra HDMI out
Video Chroma Subsampling	422
Bit Depth	10-bit
Web Streaming	
USB UVC	USB-C up to 1080p30
Audio In/Out	
Audio Quality	24/48kHz
Audio Codec	PCM
HDMI	2ch 24-Bit, input dependent per input

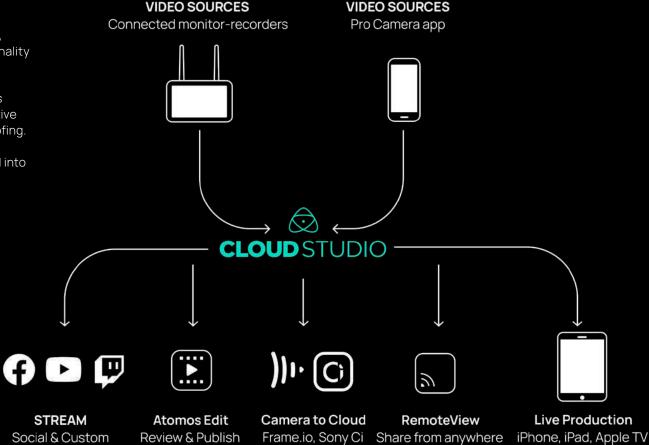
Analogue Audio in	3.5mm via Ninja / Ninja Ultra
Headphone out	3.5mm via Ninja / Ninja Ultra
Timecode / Sync	
Embedded	HDMI
Resolution & Frame Rates	
FHD 1920 x 1080 Progressive	23.98/24/25/29.9/30/50/59.94/60
FHD 1920 x 1080 PsF	No
FHD 1920 x 1080 Interlaced	50/59.94/60
1280 x 720p	No
SD PAL / NTSC	No
Program Recording CODEC via N	linja V/V+
Apple ProRes	LT, 422, 422HQ
Avid DNxHD	DNxHD 220x,220,145,36 (Free activation key via visit my.atomos.com)
Recording Functions	
Switched Program Record	Yes via Ninja / Ninja Ultra
Multi Input / Switching	
Multiple HDMI input	Up to 4 x HDMI up to 1080p60
Multiview Display	Quad input display on Ninja / Ninja Ultra Display
Multiview Ouput	Via Ninja / Ninja Ultra HDMI out
Picture in Picture (PIP)	Any input over Any input, 4 positions in small or large size PIP
Graphic overlays	Select layout for Stored Graphics in Ninja / Ninja Ultra and save configured scene presets
Media pool storage	Upload and Store Graphics in Ninja / Ninja Ultra
Input Processing	Interlaced to Progressive
Input Frame rate processing	Yes
Supported Media	
Master Caddy II	Yes
SSDmini	Yes, requires the included AtomX SSD mini handle adaptor
File System	ExFat
Onboard Signal Processing	
Pulldown removal	Interlaced to Progressive on Input and USB stream
What's in the Box?	
Accessories included	AtomX CAST, USB-C cable and SSDmini Handle Adaptor
Optional extras	ATOMDTPCB2 - Dtap to DC cable, ATOMDCK004 - USB-C 3.1 Docking Station, ATOMDCK003 USB-A 3.0 Docking Station
Compatible With	
Atomos Product	Requires Ninja V/V+, Ninja, Ninja Ultra
Warranty	
Standard	One year, extended to two years with Atomos Care360 (optional purchase)

ATOMOS CLOUD STUDIO

Camera to cloud. Made easy.

Atomos Cloud Studio is a powerful collection of complementary, cloud-based video production services that extend the functionality of any camera attached to an Atomos cloud-connected device.

The suite currently comprises Atomos Camera to Cloud, Atomos Edit, Atomos Stream, and Atomos Live Production.It's an innovative approach that gives customers a compelling level of future proofing. Atomos camera-mounted devices can not only be updated and feature enhanced in the field, they can also easily be integrated into remote and collaborative productions anywhere in the world.



ATOMOS CAMERA TO CLOUD

The Atomos gateway

Camera to Cloud (C2C) is being used by production teams every day to share fowotage from the shoot with remote team members. C2C is the fastest, easiest, and most secure method to share media and collaborate in real-time. It creates a direct path from production to the post-production teams. Media can be transferred from C2C certified devices, over standard network connections, to the cloud from wherever you are, for viewing, approval, and editing.

Atomos cloud-connected devices send media from any location to the cloud. Editors can start work as soon as the footage arrives, and other stakeholders can review and make suggestions. Even if there's no data connection near the camera, uploading starts as soon as a data link comes into range. Essentially, your media finds its own way home. Depending on your plan and your choice of C2C platform – Atomos Cloud Studio currently supports Atomos Edit, Frame.io powered by Adobe, and Sony Ci Media – you can review clips via a web browser or app. The files sent through C2C allow editors to start work as soon as they receive them, matching timecode and metadata ensures that the edits can be conformed with the full-resolution media when it becomes available.

Atomos has opened the C2C workflow to an unprecedented range of digital cinema, mirrorless, and DSLR cameras. This has allowed more filmmakers than ever to accelerate their workflow, collaborate in realtime, and support remote team members, no matter the location, budget, or camera.

ATOMOS EDIT

Edit anywhere. Publish fast.

Atomos Edit is like a Gmail moment for video editing. Find a computer, sign in, and edit. No need for physical storage, software installation, or awkward software drivers. It's just there. Anywhere. It's powerful, too, with a familiar layout and the tools you need to edit and deliver quickly.

Atomos Edit isn't just a video editor with the cloud bolted on. It lives in the cloud. It's always available, even for multiple simultaneous users across the globe. Your team can capture in Lima and edit in London – almost at the same time. Atomos cloudconnected devices take care of the files, uploading them invisibly in the background. All the tools you need to edit fast are right there in your browser – with almost zero learning curve. Work with multiple colleagues, across the room or across the world, and see their edits in real-time. For people outside of your team, you can send links to your media for review. No need to worry about security because you have complete control over access and expiry. Atomos Edit automatically includes timecode so that reviewers can specify exact segments without needing to sign into your projects.

To enhance and streamline workflows for Adobe customers, Atomos has developed an extension for Atomos Edit whereby the browser-based NLE appears as a panel directly inside Premiere Pro.

ATOMOS STREAM

Stream genius

Atomos Stream is designed to make sharing live video to popular online platforms easy and accessible to anyone. It's an all-in-one solution that enables any Atomos network-enabled device, to stream to Facebook Live, Twitch, YouTube, and custom RTMP/S destinations.

Atomos' pedigree in monitorrecorders – the company invented the category – means that these devices already support an extensive range of cameras. Customers can choose to work with high-end digital cinema cameras or mirrorless, DLSR, even USB cameras. Atomos Stream makes the process of configuring the stream straightforward and secure using the ACS web interface.

Zato has additional streaming capabilities, such as Picture in Picture, audio mixing, graphics overlay, webcam input/output and, most importantly, it obviates the need to include a laptop or computer.

ATOMOS REMOTE VIEW

Share your vision

Atomos RemoteView lets you share what's on your Atomos screen with other AtomOS 11 monitors, as well as with iPads, Macs and Apple TVs wirelessly. You can monitor what's happening on-set and look through any connected camera taking the shot from anywhere in the world.

RemoteView doesn't need expensive hardware and uses the public internet, so it's global. But Atomos technology ensures there are no delays. You can receive up to four RemoveView feeds on a single screen. It's all configurable from a simple web interface. Atomos RemoteView needs an Atomos Connect but no additional hardware. Powered by a unique combination of AtomOS 11 and Atomos Cloud Studio, you can share with the person standing next to you or someone across the globe just as easily.

For absolute security, you can burn a watermark into each remote video feed, so there's no risk of copying. You can also brand your footage with your own or your customer's logo. Or put the movie name, date, type of camera – any information you think will be helpful, burnt into your remote feeds.

Atomos RemoteView requires a subscription to Atomos Cloud Services. It uses Atomos Credits for a simple "pay as you go" service.



ATOMOS LIVE PRODUCTION

On air. In the cloud.

Atomos Live Production is a complete, cloud-based control room which makes live video and remote collaboration accessible and easy. For the first-time, video creatives are able to produce a high-quality live show, all from an iPad. The tools it provides include a fully featured 4-input video switcher, sound mixer, video transition effects, still graphics, animated graphics, tally, and a fully featured intercom system.

The iPad control surface has been designed to be flexible enough for one person to operate, but there are other configurations that allow multiple iPad operation for more complex productions.

Source inputs can be a cameramounted Ninja fitted with an Atomos Connect module, or the all-in-one Shogun. In addition, Atomos also offers a Pro Camera iOS app, a powerful 4K video capture app for filmmakers on Apple iPhone that works seamlessly with ACS.

Program output can be routed to any popular social media platform, or RTMP/S destination, in addition to monitoring feeds sent to the Atomos Monitor Apple TV app.

By placing the technology in the cloud, Atomos has removed a significant barrier to entry and created a suite of applications that is accessible to any level of production. Leveraging cloud technology means that production teams can access these tools and collaborate from anywhere. The low latency technology makes the software responsive and the experience seamless.



ATOMOS CLOUD STUDIO 2.0 PLANS

	Free / PAYG €/\$ 0 per month	Camera to Cloud €/\$15 per month	Live Production €/\$ 30 per month	All-inclusive €/\$ 45 per month
	Easy sign up. No credit card required			
Atomos Edit Camera to Cloud	e	⊘	e	✓
Upload while recording*	\checkmark	S	\bigcirc	\checkmark
Resolution (up to 4K)**	S	e	\bigcirc	~
Quality (LQ / MQ / HQ / Custom)*	S	e	~	~
Third Party Camera to Cloud	e	e	e	e
Frame.io	\checkmark	e	e	\checkmark
Sony Ci Media Cloud		e		~
Upload while recording*	On REC Stop	e	On REC Stop	~
Resolution (up to 4K)***	720р	~	720p	~
Quality (LQ / MQ / HQ / Custom)*	LQ	~	LQ	~
Access Live Production*	e	e	e	e
Access RemoteView***	9	e	e	e
Included Credits	0	0	30 credits (per month, no roll-over)	30 credits (per month, no roll-over)
Equivalent hours for RemoteView			10 hours	10 hours
Equivalent hours for base Social Show			10 hours	10 hours
Equivalent hours for base Pro Show			5 hours	5 hours
Equivalent hours for base Broadcast Show			1 hour	1 hour
Additional Credits Cost	\$2 per credit	\$2 per credit	\$1 per credit	\$1 per credit
Live Asset Storage	1GB	1GB	50GB	50GB
Live Streaming from Device	9	e	e	e
RTMP	 Image: A set of the set of the	~	e	~
YouTube	~	~	S	~
Twitch	\checkmark	~	S	~
Facebook	e	~	<i>⊘</i>	 ✓
Resolution (up to HD)	2	~	e	~
Quality (LQ / MQ / HQ / Custom)*	e	~	<	~
Maximum Number of Registered Atomos Devices	2	4	8	8
Atomos Pro Camera App	Free, unlimited	Free, unlimited	Free, unlimited	Free, unlimited

* Excludes Zato Connect ** Requires AtomOS 11. Files will be uploaded as 4K, but edit/export is HD *** Requires AtomOS 11

ATOMOS LIVE PRODUCTION SHOWS

	Social Show	Pro Show	Broadcast Show
Cost	3 credits / hour base price (2 cameras)	6 credits / hour base price (2 cameras)	30 credits / hour base price (2 cameras)
Features			
	Max 4 cameras	Max 4 cameras*	Max 8 cameras
	1 credit / hour per additional camera	2 credits / hour per additional camera	5 credits / hour per additional camera
	1xVT	2×VT	2 x VT
	4 x DVE	8 x DVE	8 × DVE
	4 x frame players	8 x frame players	8 x frame players
	1 x HTML5 graphics	1 x HTML5 graphics	1 x HTML5 graphics
	16 x audio channels	16 x audio channels	32 x audio channels
	Talkback direct from Atomos devices	Talkback direct from Atomos devices	Talkback direct from Atomos devices
		4 x talkback iPhone apps	8 x talkback iPhone apps
	1 x controller app	1 x controller app	2 x controller app
	1 x 6Mbit output (SRT / RTMP / Monitors)	3 x 8Mbit outputs (SRT / RTMP / Monitors)	5 x outputs 15Mbit (SRT / RTMP / Monitors)
		1 x 8Mbit cloud recorder	Max 3 stream outputs (SRT / RTMP)*
			1 x 15Mbit cloud recorder

SHINOBI Goanywhere monitoring

5-inch, 1000nit HDR photo and video monitor



SHINOBI Versatility for filmmakers and photographers

A lightweight HDR field monitor for photographers or vloggers wanting to take their production to the next level and see images more clearly in any lighting conditions, in SDR or HDR. Shinobi is packed with an extensive suite of scopes, all accessible with simple one-touch operation.



FEATURES

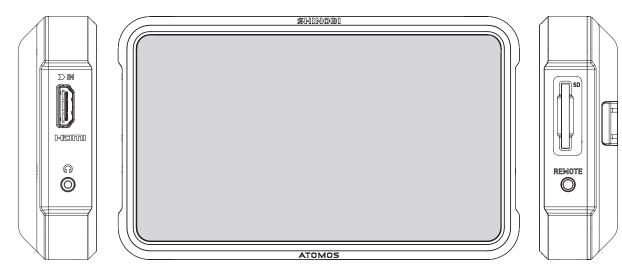
Lightweight HDMI photo or video production monitor (196g / 7oz)

Overlay multiple monitoring tools with one-touch operation

Histogram, waveform, false colour, zebra, focus peaking and zoom

Long battery life, runs all day

SHINOBI

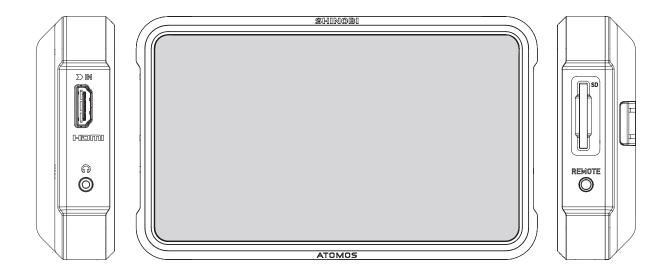


Weight and Dimensions	
Without batteries	226g/7.8oz
Dimensions (W x H x D mm)	151 x 91.5 x 31.5mm
Construction	Polycarbonate ABS
Mounting points	1/4"-20 screw mount. 1x top and 1x bottom
Power	
Operating power	4 - 7W
Compatible batteries	NP-F series and supporting accessories. AtomX or other.
Input voltage (battery)	6.2V to 16.8V
Battery time* (based on 7.4V) ATOMOS 10.2	Standby - 2600mAh - 3hrs, 5200mAh - 6hrs, 7800mAh - 12hrs Monitor - 2600mAh - 1.5hrs, 5200mAh - 3hrs, 7800mAh - 6hrs
DC In	via Battery Eliminator
Touchscreen	
Screen	Capacitive touch
Size	5.2-inch
Resolution / PPI	1920 x 1080 / 325ppi
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
Technology	IPS panel (capacitive touch), calibration to Rec.709 with optional calibration devices
Dynamic AtomHDR Technology	
Bit depth	10-bit (8+2 FRC)
Peak Brightness	1000nit (+/- 10%)
Screen Mirror/Flip	Horizontal Flip (Selfie mode), Vertical Flip *Landscape/Portrait mode planned for future firmware release
Anti-reflective	Special AR coating and Anti-fingerprint technology
AtomHDR	Yes
HDR Monitoring (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 Log3G10 / RED LogFilm FujiFilm F-log Nikon N-Log PO10k HLG

HDR Monitoring (Gamma)	Sony SGamut / SGamut3 / SGamut3.cine Canon Cinema / DCI P3 / DCI P3+ Panasonic V Gamut Arri Alexa Wide Gamut Rec709 / BT.2020 JVC RED WideGamut / RED DragonColor / DragonColor2 / RED Color2 / RED Color3 / RED Color4
Video Input / Loop out	
HDMI	HDMI 1 x HDMI (1.4)
Signal	Up to Uncompressed true 10-bit or 8-bit 422(camera dependent)
Supported Formats (Video Input)	
UHD 3840 x 2160	23.98p, 24p, 25p, 29.97p
HD 1920 x 1080	23.98p, 24p, 25p, 29.97p, 50p, 59.94p
HD 1280 × 720	50p, 59.94p

24/30/60 frame rates also means 23.98/29.97/59.94 frame rates for all resolutions (with compatible camera/output device).



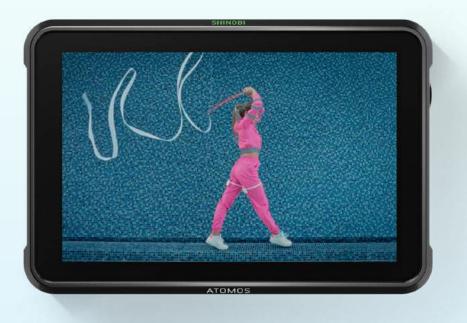
Audio in (48kHz)		
HDMI	2ch 24-bit 48kHz	
Audio Out		
Headphone out	3.5mm 2ch.	
SD Card Slot		
Full size SD Card slot	SD Card Slot allows LUTs to be loaded to the unit and is also used when updating AtomOS firmware	
AtomOS		
Monitoring Features	Luma Waveform, RGB parade, RGB Overlay, Vectorscope, Vectorscope Zoom, Histogram, RGB Histogram, Anlaysis mode (Multiview scopes: Waveform, Histogram, Vectorscope), Focus Peaking, Zebra, False Color, Blue Only Exposure, Zoom (1:1, 2:1, 4:1), SMPTE Safe Areas, Cinema Guides, Anamorphic Desqueeze.	

What's in the box	
Included	Shinobi unit, International DC power adapter, Quick Start Guide
Optional extras	
Accessories	Power Kit: 2 x NP-F Batteries, 1 x charger, 1 x power supply AtomX 5° Cage for Shinobi (by SmallRig) AtomX 5° Surhood (compatible w. Shinobi / Ninja V) AtomX 5° Screen Protector (compatible w. Shinobi / NinjaV) AtomX 10° Arm & Quick Release Plate (by Lanparte) Other: Atomos HDMI cables, AtomX 5° Accessory Kit Atomos calibrator with Xrite i1 Display Pro / Plus (sold separately) USB to Serial cable
Warranty	One year, extended to two years with Atomos Care360 (optional purchase)

SHINOBI7 Big, bright and beautiful

OOUTSBODIO

7-inch, 2200nit HDMI/SDI HDR photo and video monitor



SHINOBI 7 One monitor for all

Shinobi 7 combines a larger 7-inch HDR screen with a calibrated peak brightness of 2200nits and the lightweight monitor-only functions of Shinobi. Can be used in the brightest of environments to monitor signals up to 4Kp60 via HDMI or 2Kp60 via 3G-SDI. An ideal director's monitor, focus puller's monitor, program or preview display for video switchers, and perfect for vloggers presenting to camera.



FEATURES

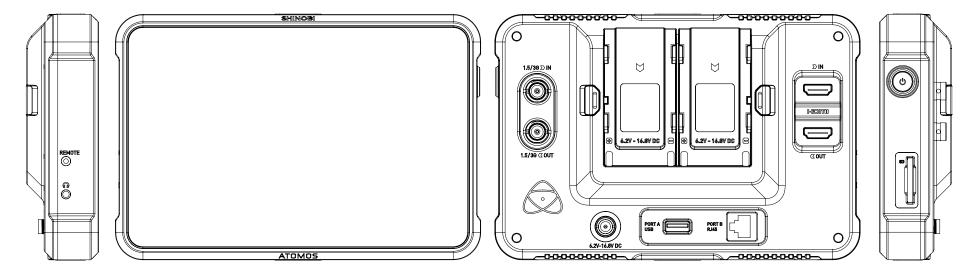
HDMI and SDI input and output

Monitor signals up to 4Kp60 via HDMI or 2Kp60 via 3G-SDI Stunning 10+ stops of dynamic range in realtime from Log/PQ/HLG signals Built-in 3D LUT box

Dual NPF battery slots

atomos.com/products/shinobi-7

SHINOBI 7



Physical Specifications	
Weight (Monitor Only)	577g / 1.04lb (excluding batteries)
Dimensions (Monitor Only)	198mm x 133mm x 39mm
Mount Points	2 x Anti rotation 1/4"-20 (Top & Bottom)
Construction	
Body	Polycarbonate ABS Plastic
Cooling	Actively controlled fan and heat sink
Multi-function Button	Power / lock screen
Power	
Input voltage (battery)	6.2V to 16.8V
Battery Voltage	7.2V
Operating Power	5.8-7.2W
Compatible Batteries	2 x NP-F L Series
Battery Run Time	5200mAh - up to 2hrs, 7800mAh - up to 3hrs
DC In	Locking DC jack
Continuous power	Dual battery slots
DTAP	Via optional DTap to DC cable

Display	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	7-inch
Resolution	1920 × 1200
PPI	325
Bit Depth	10-bit (8+2 FRC)
Backlight	Edge lit
Brightness (cdm2 /Nits)	2200 +/- 10%
Aspect Ratio	16:10
Color Gamut	Rec.709
Calibration Support	Atomos calibrator with Xrite i1 Display Pro / Plus (sold separately)
Technology	
3D LUT Display	.Cube Format
3D LUT Down Stream	Loop out
3D LUT 50/50	Yes
Monitoring Modes	Native / Rec.709 / HLG / PQ / 3D LUT
HDR Output Conversion	HLG / PQ

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	
Video Input		
HDMI		1 x HDMI (2.0) 4Kp60
SDI		1 x 3G SDI - 2k p60
Bit Depth		8 / 10-bit
Video Chroma Subsampling		YCbCr 420 & 422
Video Output		
HDMI		1 x HDMI (2.0) 4Kp60
SDI (Play Out)		1 x 3G SDI - 2Kp60
Video Signal Conversion		
HDMI to SDI		Yes
SDI to HDMI		Yes

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SHINOBI 7

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
Supported Codecs & Frame Rates (Record & Playback)
Supported Resolution & FPS (Monitor Only)	4K DCI: HDMI: 23.98p, 24p, 25p, 29.97p, 50p, 59.94p 4K UHD: HDMI: 23.98p, 24p, 25p, 29.97p, 50p, 59.94p 2K DCI 2046 x 1080: SDI: 23.98p, 24p, 25p, 29.97p, 50p, 59.94p FHD 1920 x 1080 Progressive: HDMI and SDI : 23.98/24/25 /29.9730/50/59.94/60p FHD 1920 x 1080 Interlaced: 50/59.94/60i 1280 x 720p: 50/59.94/60p
Supported Media	
SD	SD Card slot for LUTs / Firmware
File System	FAT32
On Screen Tools	
MultiScope Analysis View	Image, selectable Waveform, Histogram, Vector Scopes 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
Magnification	1 x Zoom 2 x Zoom 4 x Zoom

Focus Peaking	Color selected / focus assist sharpening /threshold setting / color / Mono / edges only
False Color	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, 5:4
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 Processing	
4K UHD Downscale for HD	Yes
DCI Crop	Yes
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
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, Monitor mount
Warranty	
Standard	One year, extended to two years with Atomos Care360 (optional purchase)

24/30/60 frame rates also means 23.98/29.97/59.94 frame rates for all resolutions (with compatible camera/ output device).

sumo 195E See it all

19-inch, 1200nit 4K HDR studio monitor-recorder-switcher





Record. Monitor. Switch.

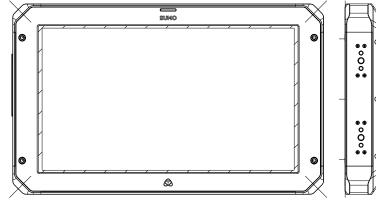
A 1200nit HDR touchscreen that records Apple ProRes RAW up to 6Kp30 in a rugged and versatile form factor. Covering the entire P2 D65 color gamut, the Sumo 19SE is the perfect on-set monitor recorder. It's also a fourchannel video switcher, able to record up to four 1080p60 streams. Capture video from any camera or digital video source via SDI or HDMI, and record audio with full-sized professional XLR connectors.

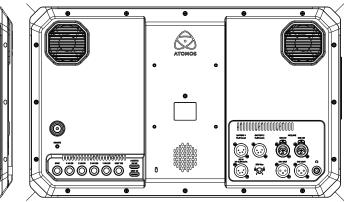
£1,699 Excluding VAT Ask your dealer for a demonstration

FEATURES

P3 D65 touchscreen studio monitor

Up to 6Kp30 ProRes RAW; 10-bit ProRes and DNx up to 4Kp60; Cinema DNG 4Kp30 Live 4-channel HD switching and ISO recording Two balanced XLR audio inputs with +48V phantom power Rugged and versatile design suitable for many applications





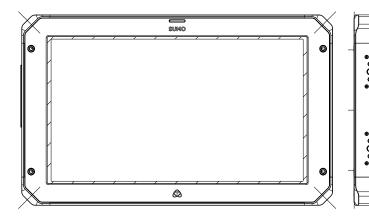
Physical Specifications	
Weight (Monitor Only)	6.2kg / 13.7lb
Dimensions (Monitor Only)	504mm x 310mm x 63mm / 19.8" x 12.2" x 2.5"
Mount Points	Top: 4 x 1/4' 20, 2 x 3/8", Bottom: 6 x 1/4' 20, 3 x 3/8" Right: 4 x 1/4' 20, 2 x 3/8", Left: 2 x 1/4' 20, 1 x 3/8"
VESA Mount	100 × 100
Environmental	
Ambient operating temperature (C/F)	Up to 40 Degrees Celsius
Construction & Control	
Touch Screen	Yes
Body	Aluminium alloy chassis with ABS Polycarbonate back plate
Multi-function Button	Power / lock screen
Cooling	Actively controlled fan and Heat Sink
Tally light	Rear and front
Power	
Input voltage range	DC 12-16.8v
Battery Voltage	14.4V nominal
Operating Power	75W
Compatible Batteries	V-Lock / Anton Bauer via XLR terminal, (optional mounting plates available), 95Wh+ recommended.
Battery Run Time Record	Depends on Watt Hours of battery used

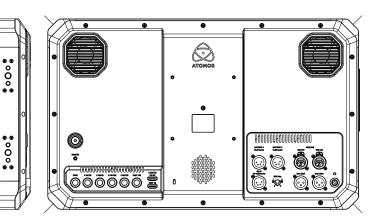
Battery Run Time Monitor	Depends on Watt Hours of battery used
DC In	1 x 4 pin XLR (12-16.8V)
Continuous power	Dual Battery input via dedicated 4 pin XLR
Display	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	19-inch
Resolution	1920 x 1080
PPI	120
Bit Depth	10-bit (8+2 FRC)
Backlight	Edge, Optically bonded quantum dot
Brightness (cdm2 /Nits)	1200nit (+/- 10% @ center)
Aspect Ratio	16:9 Image Display
De-interlace mode	Yes, Graphic burning protection
Color Gamut	DCI P3
Calibration Support	Atomos calibrator with Xrite i1 Display Pro / Plus (sold separately)
Color Pipeline	
3D LUT Display	.Cube Format
3D LUT Output	Loop out
3D LUT 50/50	Yes
Monitoring Modes	Native / Rec.709 / HLG / PQ / 3D LUT
HDR Output Conversion	HLG / PQ

Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI800 /LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic V-log, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm F log, PQ (HDR10), HLG, Nikon N-Log	
BT2020, DCI P3, DCI P3+, DCI p3 65, Sony SGamut / SGamut3 / SGamut3.cine, Canon Cinema, Panasonic V Gamut, Arri Alexa Wide Gamut, Rec709, JVC LS300, F-Gamut, Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut	
nt	
	Atomos Calibrator with Calibrite ColorChecker Display Pro or ColorChecker Display Plus
	Backlight, Lift, Gamma, Gain
Built in Technical Log to HDR EOTF	
Display, monitor and output, Record, Load via SS	
Input	
	1 x HDMI (2.0) 4k p60
	No - HDMI Video only
	$4 \times 3 \text{G}$ SDI, with 2 \times 12G SDI backwards compatible, auto detection
	Apple ProRes RAW up to 6Kp30
	Yes with HDMI Auto detection
	8/10Bit Video / RAW up to 12Bit
sampling	YCbCr 422
	Log CEII60 / L LogCEII60 / L LogCEI600 , F Log3G12, Fujif BT2020, DCI F SGamut3.cine Wide Gamut, / DragonColo RedWideGam nt

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File Naming	
Standard	S/S/T & Rolling
Via SDI	RED, ARRI
Video Output	
HDMI Out	1 x HDMI (2.0) 4k p60
SDI loop out	1 x 12G SDI Backwards compatible Auto detection level A and B selectable
SDI Play out	1 x 12G SDI Backwards compatible Auto detection level A and B selectable
Video Chroma Subsampling	422
Bit Depth	10Bit Video / 12Bit RAW
Audio In/Out	
Audio Quality	24-Bit / 48kHz
AudioCodec	PCM
HDMI	8ch 24Bit, input dependent
SDI	12ch 24Bit, input dependent
Analogue Audio in	2 x XLR
Analogue Audio Out	2 x XLR
Speakers	2 x 5w
Headphone out	3.5mm 2ch.

Web Streaming	
USB UVC	Optional via Atomos HDMI to USB Stick
Video Signal Conversion	
HDMI to SDI	Yes
SDI to HDMI	Yes - Video and RAW
Timecode / Sync	
SDIEmbedded	Embedded
HDMI Embedded	Embedded
Time of day	Yes, Time and Date
LTC	LTC via BNC input in Record mode
Genlock	Genlock in Playback mode
Resolution & Frame Rates (Record,	Monitor & Playback)
6K RAW	up to 6Kp30 Via SDI
4K RAW	up to 4Kp60 via SDI
2K RAW	up to 2Kp240 via SDI
4K DCI	up to 4Kp60
4K UHD	up to 4Kp60
2K DCI 2048 × 1080	up to 2Kp60
FHD 1920 x 1080 Progressive	up to 1080p120
FHD 1920 x 1080 PsF	Pull down
FHD 1920 x 1080 Interlaced	1080i50 / 1080i60
1280 x 720p	60p

Recording CODEC	
CDNG	For SDI RAW inputs only
Apple ProRes RAW	up to 12bit 6Kp30 / 4Kp60
Apple ProRes HQ / 422 / LT	up to 4Kp60
Avid DNxHD	up to 1080p60
Avid DNxHR	up to 4Kp60
Pre Roll	Yes (HD 8s, 4K 2s) - Not available in RAW
ISO Record	4 x ISO up to 1080p 60 (3G SDI Level A ONLY)
Switched Program Record	Yes Up to 1080p 60
Timelapse	Yes
Playback	
Playlist	Yes, Create customer play lists from full or sub clips
Loop Playback	Yes, with user customisable in / out markers
Apple ProRes Raw	Yes, recorded clips with linear PCM
ProRes HQ / 422 / LT	Yes with linear PCM
Avid DNx HD	Yes with linear PCM
Avid DNx HR	Yes with linear PCM
CDNG	No
Monitoring	
SDR	Native, 709, LUT
HDR	HLG, PQ Rec2020
De-Interlace	Selectable mode

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SUMO 19SE

Multi Input / Switching	
SDI A/B toggle	Yes, supports up to 12G SDI per input
input switching	Yes
Dual Input display	Via Multi ISO input mode
Multiple SDI input	Up to 4 x 1080p 60 (3G SDI Level A ONLY)
Multiview Display	Via Multi ISO input mode
Input transitions	Auto or manual XML transition
Supported Media	
Interface	SATA 3 – MasterCaddy
Master Caddy I	No
Master Caddy II	Yes
Master Caddy III	Yes
SSDmini	Yes (AtomX SSDmini Handle required)
CFast II	No
File System	exFAT

On Screen Tools	
Waveform	3 sizes
RGB parade	3 sizes
Vector scope	2 size / Position
1 x Zoom	Yes. 1:1 Pixel mapping for 4k
2 x Zoom	Yes
Focus peaking	Colour selected / threshold setting / colour / Mono / edges only
Zebra	Yes, customisable
False color	Yes, with IRE scale
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, 1.91:1, 4:5
Safe areas	SMPTE frame size - Action and Safe
Grid markers	9 grid
Anamorphic desqueeze	Display 1.25x, 1.33x, 1.5x, 1.8x and 2x
Display Flip	Vertical
Onboard Signal Processing	
4K UHD downscale for HD	Loop out - 4K UHD to FHD
DCI Crop	Loop out - 17:9 to 16:9 Crop
I > P	60i > 24p (3:2 pulldown)
PSF > P	24/25/30pSF > 24/25/30p (2:2 pulldown)

Remote Control	
HDMI	Auto HDMI Trigger, Supported Protocols - Canon, Sony, Atomos Open Standard
SDI	SDI trigger camera selectable
Serial 2.5mm Jack	LANC control and calibration via optional USB to serial cable
Supported Applications	
XML	Final Cut Pro
Apple ProRes Raw	Apple Final Cut Pro, Adobe Premiere, Avid Media Composer, Grass Valley EDIUS, Assimilate Scratch
Apple ProRes	All Applications with support for Apple ProRes in .MOV wrapper
Avid DNx	All Applications with support for Avid DNX in .MOV wrapper
What's in the box	
Accessories included	Sumo unit, 1x Master Caddy II, 1x BattWing mounting bracket with 4x screws, 2x Desktop Feet with 4x 1/4* Mounting screws, AC power supply
Warranty	
Standard	One year
Extended	Two years with Atomos Care360 (optional purchase)

SHOGUN STUDIO 2 Double take

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HDR dual monitor, rack-mounted 8-channel monitor-recorder-switcher

SHOGUN STUDIO 2

All powerful. All in one.

Shogun Studio 2 takes Atomos multi-channel recording technology and combines it with two 7-inch HDR 2000nit high bright touchscreen displays, in a single 3RU unit. The unique combination of features makes it perfect for live events, outside broadcast vehicles, production galleries, MCRs, post-production facilities, video wall playout, on-set DITs and sports. You can connect to practically any SDI or HDMI source including camera channels, PTZ cameras and vision mixers.





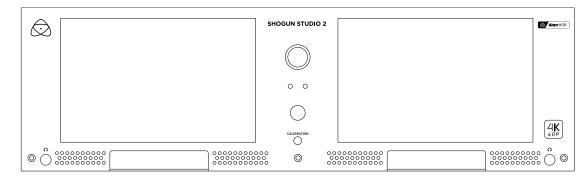
FEATURES

Quad-link 3G SDI and 1 x HDMI 2.0 inputs

Record up to 6Kp30 ProRes RAW; 10-bit ProRes and DNx up to 4Kp60; Cinema DNG 4Kp30 Dual 4Kp60 recording (1 input per channel)

Up to 8 channels of 1080p60 ISO recording with switched program output SDI to HDMI and HDMI to SDI cross conversion

SHOGUN STUDIO 2



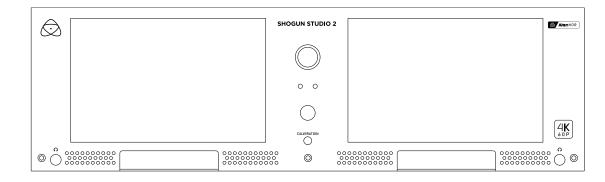
Weight and Dimensions	
Without batteries	5.0kg / 11lb
Dimensions (W x H x D mm)	447 x 152 x 280mm, 17.6 x 6.0 x 11.0" 490 x 152 x 280mm, 19.3 x 6.0 x 11.0 (including rack ears)
Mount points	Removable rack ears and desktop feet
Construction	Steel construction for durability
Cooling	Actively controlled fan with heat sinks
Power	
Operating power	20-86W
Compatible batteries	No
Continuous power	Dual IEC C14
Dual PSU	DC in connector
DC Out	No
Touchscreen	
Size	Dual 7.2-inch
Resolution	Dual 1920 x 1200
PPI	327 per screen
Aspect ratio	16:9 native
Color Gamut	Up to Wide color gamut (105% DCI-P3)
Look up table (LUT) support	3D LUT (.cube format), loop out, 50/50
Anamorphic de-squeeze	2x, 1.5x, 1.33x, Panasonic 4:3
Technology	Dynamic AtomHDR zoned backlight

Dynamic AtomHDR Technology	
Backlight	Direct LED
Zones	360 direct backlight individual LEDs
LEDs	Wide Color Calibrated D65 or D95
Bit depth	10-bit (8+2 FRC)
Color	DCI-P3 105%
Peak Brightness	3000nit (+/- 10%) HDR peak brightness
Control	On the fly real-time brightness analysis for LED control
HDR Conversion	Log/RAW to HLG or PQ, Dolby Vision Loop out
HDR Monitoring Technology	
HDR Monitoring (Gamma)	Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, ARRI Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI800 / Log- CEI1000 / LogCEI1280 / LogCEI1600, Nikon N-Log, Panasonic V-Log, JVC J-Log1, REDIogFilm / RED Log3G10 / RED Log3G12, FujiFilm F-log, PQ (HDR10), HLG
HDR Monitoring (Gamut)	Sony SGamut / SGamut3 / SGamut3.cine, Canon Cinema, DCI P3 / DCI P3+, Nikon N-Log, Panasonic V-Gamut, Arri Alexa Wide Gamut, Rec709, BT.2020, FujiFilm F-Gamut, JVC LS300, RED WideGamut / RED DragonColor / DragonColor2 / RED Color2 / RED Color3 / RED Color4
Video Input / Loop out	
HDMI	1×HDMI (2.0)**
SDI	Quad link 4 x 3G-SDI up to 1080p 60 (3G SDI Level A ONLY), with 2 x 12G SDI Backwards compatible Auto detection per recorder channel
Signal	Uncompressed true 10-bit or 8-bit 422 (camera dependent)
LTC (Record Mode Only)	LTC input signal and loop out
Genlock	Genlock input signal and loop out

Video Output (Per Channel)		
НДМІ	1 x HDMI (2.0) 4Kp60	
SDI (Playout)	2 x 12G SDI Backwards compatible Auto detection	
Signal	Uncompressed true 10-bit or 8-bit 4:2:2 (playback file dependent)	
Video Signal Conversion		
HDMI to SDI	Yes - Video and RAW	
SDIO HDMI	Yes - Video and RAW	
Audio In/Out (48kHz PCM Audio) (Per Channel)		
HDMI	2 or 8ch 24-bit, camera dependent	
SDI	12ch 24-Bit, input dependent	
Audio	2ch balanced XLR analogue in/out Dynamic range >90dB Max signal level +24dBu 48V Phantom Power for Mic	
Headphone Out	3.5mm 2ch.	

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SHOGUN STUDIO 2



Supported Codecs & Frame Rates (Record & Playback)	
RAW to:	ProRes RAW, ProRes CinemaDNG (CDNG up to 30p only) Avid DNxHD
Sony^^ FS700, FS-5, FS-7, FS-7MkII	4K DCl: 24/25/30/50/60p 4K UHD; not supported in camera 2K; 24/25/30/50/60/100/120/200/240p 1080; not supported in camera
Canon C300MKII/C500 CDNG	4K DCl; 24/25/30p 4K UHD; 24/25/30p 2K; not supported in camera 1080; not supported in camera
Panasonic VaricamLT, EVA1	5.7K DCI; 24/25/30p (EVA1 ProRes RAW only) 4K DCI; 24/25/30/50/60p 4K UHD; 24/25/30/50/60p 2K; 24/25/30/50/60/100/120/200/240p 1080; not supported in camera 2K; 24/25/30/50/60/100/120/200/240p
Supported base resolution & FPS from cameras	2K DCI: 23.98/24/25/29.9/30/50/59.94/60p 1080p: 23.98/24/25/29.9/30/50/59.94/60p 1080i: 50/59.94/60i 720p: 50/60p PSF inputs converted to P but looped out as PSF
Supported FPS & resolution from gaming consoles and graphic cards	4K UHD: 24/25/30/50/60p
Onboard Processing	
Pulldown removal	24/25/30pSF > 24/25/30p (2:2 pulldown) 60i > 24p (3:2 pulldown)
4K UHD downscale for HD monitoring	Yes - Loop-out and playback (Not available in all RAW modes)

Remote Start/Stop	
HDMI	Auto HDMI Trigger Supported Protocols - Dolby Vision, Canon, Sony, Atomos Open Standard
RS422*	9pin transport control on qualified controllers
SDI	SDI trigger camera selectable
Other	LANC control - Slave / Calibration on front. Serial - Calibration on front
Playback	
Playlist / Genlock / LTC	Yes / Yes / No
CDNG (Recorded content)	No support
ProRes (Recorded content)	All recorded files can playback. Playback in slow motion >= 100fps.
DNxHR / DNxHD (recorded content)	All recorded files can playback. Playback in slow motion >= 100fps.
Recording	
Pre-roll record	Yes (HD 8s, 4K 2s)
ISO Record	Up to 8 streams in 60pHD in parallel
Supported media	2.5° SSD/HDD compatibility depends on recording format, resolution and frame rate. Visit ATOMOS. com/drives for list of tested and approved drives
Master caddy case	Master Caddy II (included) 75mm x 105mm x 12mm
Supported applications	Final Cut Pro / Media Composer / Premiere Pro / After Effects / EDIUS / Vegas Pro / Lightworks / Autodesk Smoke

What's in the Box	
Accessories included	Shogun Studio 2, 2 x rack ears with screws, 4 x rubber feet with screws, 2 x IEC power cable, 2 x HDMI cable, 1 x USB-C Dock, 1x Master caddy II
Optional extras	Master Caddy II x 5, ATOMOS USB to Serial Calibration cable, Xrite i1 Display pro
Warranty	
Standard	One year, extended to two years with Atomos Care360 (optional purchase)

** Link between channel 1 and 2 is limited to 4KDCl at 30p ^^ FS700 and FS5mkii require RAW firmware upgrade. FS7 mki/ii require XDCA-FS& extension unit.

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ULTRASYNC ONE Great. And small.

AirGlu™ RF miniature wireless timecode and sync generator

Super compact, lightweight and cost-effective wireless sync solution. Fully flexible as a timecode/sync generator and as an AirGlu RF wireless server/client receiver. Part of the Atomos AirGlu wireless ecosystem.

£240 Excluding VAT Ask your dealer for a demonstration

FEATURES

The smallest, lightest and most cost-effective timecode/sync solution on the market AirGlu[™] RF compatible for long range, ultra-reliable wireless connectivity LTC (timecode), genlock, and word clock outputs

25+ hours use on a single charge, with a USB-C power option Works with UltraSync BLUE, Atomos Connect, Shogun, Shogun Ultra and Shogun Connect

ULTRASYNC ONE

Weight and Dimensions		
Weight	39g (1.38 oz)	
Dimensions (W x H x D mm)	55 (w) x 44 (h) x 17 (d) mm	
Cooling	Passive	
Power		
Power	Has an internal battery, and is charged/powered via USB C	
Battery Type	Li-ion	
Voltage	Battery 3.7v, USB 5v	
Capacity	800 ma/h	
Run time	25 hours +	
Operating power	Less than 1 watt	
Compatible batteries	n/a	
DC Input	5V USB, Type C connector	

Wireless RF	
Range	The typical range for synchronisation with a master is approximately 200m (656 feet, 219 yards). This range is based on an uninterrupted line of sight. If there are obstacles between a server and client, the range can be reduced.
Frequency	865.050MHz to 923.200MHz
Number of Channels	Up to 14 (Region dependant)
Antenna	Internal antennas with diversity reception capability.
General	
Timecode accuracy	TCX0 0.5ppm when free running. In practice, approximately 1 frame drift in 24 hours. Zero ppm when RF locked to a server configured device.
Frame rates	23.976, 24, 25, 29.97, 29.97DF, 30, 30DF
What's in the Box	
Included	1 x UltraSync ONE 1 x USB C Charging cable 2 x Mini DIN to BNC 2 cables
Compatible batteries	n/a

ULTRASYNC ONE Compatibility		
All legacy TCS products - pulse, wa	ve, minitrx, SyncBac PRO	
UltraSync Blue		
Atomos Connect - for Ninja V / Ninja	Ultra	
Shogun		
To Order		
Product Name	SKU	EAN/Barcode
Ultrasync One US/CAN Version	ATOMSYON01-US	0814164022491
Ultrasync One ROW Version	ATOMSYON01-ROW	0814164022507

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ULTRASYNC BLUE Best of both worlds

UltraSync BLUE: AirGlu™ RF and AirGlu BT miniature wireless timecode solution

Super compact, lightweight and cost-effective total wireless sync solution. Fully flexible as a timecode generator and an AirGlu RF wireless server and client receiver plus AirGlu BT Bluetooth timecode. Part of the Atomos AirGlu wireless ecosystem.



FEATURES

The smallest, lightest and most cost-effective RF/ Bluetooth timecode solution on the market AirGlu RF and AirGlu BT compatible – long range RF wireless network and BLE combined Output 'Timecode over Bluetooth' with AirGlu™ BT to compatible devices and apps AirGlu BT devices include Nikon Z8/Z9, Fujifilm GFX100 II cameras, ZOOM and TASCAM audio recorders Works with UltraSync BLUE, Atomos Connect, Shogun, Shogun Ultra and Shogun Connect

ULTRASYNC BLUE

Weight and Dimensions		
Weight	36g	
Dimensions (W x H x D mm)	55 (w) x 44 (h) x 17 (d) mm	
Mounting	Just position within 10m of your device to sync	
Cooling	Passive	
Power		
Power	Has an internal battery, and is charged/powered via USB C	
Battery Type	Li-ion	
Voltage	Battery 3.7v, USB 5v	
Capacity	800 ma/h	
Run time	20 hours +	
Operating power	Less than 1 watt	
Compatible batteries	n/a	
DC Input	5V USB, Type C connector	
Bluetooth	Bluetooth Low Energy timecode server for up to 6 simultaneous clients	

Wireless RF	
Range	The typical range for synchronisation with a master is approximately 200m (656 feet, 219 yards). This range is based on an uninterrupted line of sight. If there are obstacles between a server and client, the range can be reduced.
Frequency	865.050MHz to 923.200MHz
Number of Channels	Up to 14 (Region dependant)
Antenna	Internal antennas with diversity reception capability.
General	
Multi Channel Digital Transceiver	865.050MHz to 923.200MHz
Timecode accuracy	TCX0, 0.5ppm when free running. In practice, approximately less than 1 frame drift in 24 hours. Zero ppm when RF locked to a server configured product.
Frame rates	23.976, 24, 25, 29.97, 29.97DF, 30, 30DF
What's in the Box	
Included	1 x UltraSync BLUE 1 x USB C Charging cable
Compatible batteries	n/a
Warranty	1 year

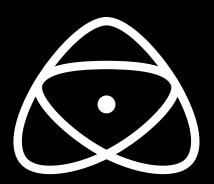
Apps	Туре	Туре	
SYNC NETWORK page (Ninja with Atomos Connect)	Shows as a device on th	Shows as a device on the Ninja menu system	
UltraSync Blue Slate	iOS Digital Slate		
Atomos Pro Camera	iOS video camera app	iOS video camera app	
Mavis Pro Camera	iOS Video camera	iOS Video camera	
Apogee MetaRecorder	iOS Audio recorder		
MovieSlate 8	iOS Digital Slate and Logging		
Softron Movie Recorder	MacOS Video Recorder		
All legacy TCS products - pulse, wa	ve, minitrx, SyncBac PRO		
UltraSync One			
Atomos Connect – for Ninja / Ninja l	JItra		
Shogun Connect, Shogun, Shogun	Ultra		
Nikon Z 9 Camera, Add Z 8, Fujifilm (GFX100 II		
Zoom H3-VR, Zoom F2BT, Zoom F3, Z	Zoom F6, Zoom F8/F8n		
Tascam Portacapture X8, Add X6, D	R10-L Pro		
To Order			
Product Name	SKU	EAN/Barcode	
Ultrasync Blue US/CAN Version	ATOMSYBL01-US	0814164022477	

ATOMOS ACCESSORIES



Go online for the full range of Atomos accessories

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Please note: Specifications are subject to change without notice. All information correct at time of publishing.