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Atomos. More than just a monitor.

Atomos exists to help creative professionals cut through technology barriers by creating easy to use, cutting-edge 4K, 8K and HD Apple ProRes and ProRes RAW monitor-recorders. These products give video creators a faster, higher quality and more affordable production system, whether they create for social media, YouTube, TV or cinema.

Our ‘On Camera’ range is designed for use with DSLR, mirrorless and professional cinema & broadcast cameras. Take control of your monitoring and recording with AtomOS monitoring tools, superior recording codecs & quality, extended record times and so much more.

### COMPARISON TABLE

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<tr>
<td><strong>Screen size</strong></td>
<td>5&quot;</td>
<td>7&quot;</td>
<td>5&quot;</td>
<td>5&quot;</td>
<td>5&quot;</td>
<td>5&quot;</td>
<td>7&quot;</td>
</tr>
<tr>
<td><strong>Brightness (nit)</strong></td>
<td>1000</td>
<td>2200</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1500/3000*</td>
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<td><strong>Input</strong></td>
<td>HDMI</td>
<td>HDMI / SDI</td>
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<td>HDMI / SDI</td>
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<td></td>
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<td><strong>Output</strong></td>
<td>-</td>
<td>HDMI / SDI</td>
<td>HDMI / SDI</td>
<td>1 x HDMI</td>
<td>1 x 12G SDI</td>
<td>2 x 12G SDI available in playback</td>
<td>1 x HDMI</td>
</tr>
<tr>
<td><strong>ProRes/DNx</strong></td>
<td>Monitor only</td>
<td>Monitor only</td>
<td>Up to 4Kp60</td>
<td>Up to 4Kp60</td>
<td>Up to 4Kp60</td>
<td>Up to 4Kp60</td>
<td>Up to 4Kp60</td>
</tr>
<tr>
<td><strong>ProRes RAW</strong></td>
<td>Monitor only</td>
<td>Monitor only</td>
<td>Up to 5.9Kp30 and 4Kp60</td>
<td>Up to 5.9Kp30 and 4Kp60</td>
<td>Up to 8Kp30 and 4Kp120</td>
<td>Up to 8Kp30 and 4Kp120</td>
<td>5.7Kp30</td>
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° Requires SDI Expansion Module. Included with Neon and Pro Kits. Optional extra for Ninja V / V+.  # Peak HDR.
SHINOBI

5" HDR Photo & Video Monitor
Still photography & video production

The HDMI monitor that packs a punch
Go anywhere and see everything exactly as you want it with the Atomos SHINOBI - a high brightness 1000nit 5 inch HDMI monitor that is perfect for vloggers, creatives and photographers.

Shinobi is a compact stand-alone monitor that features all of our amazing screen processing technology and professional monitoring tools packed into a 5 inch ‘monitor only’ device. Shinobi features a ‘run all day’ single battery, 1000nit high brightness screen, HDR capability and advanced functions that are easy to use. Shinobi additionally features a professional multi-tool Analysis View that is a cinematographer’s dream. There is even a selfie Mirror Mode for vloggers.

The best of AtomOS 10
Shinobi utilizes our revolutionary AtomOS 10 platform and is packed with an extensive suite of scopes and simple one-touch operations. Shinobi includes monitoring tools for focus, framing & exposure, including focus peaking, 4:1 / 2:1 / 1:1 zoom, zebra, false color, frame guides, SMPTE safe area, waveform, RGB parade, vectorscope, a new multi-view ‘analysis’ view and a flexible 3D and 1D LUT, and options for anamorphic desqueeze monitoring.

HDR or SDR
With a stunning 5" 10-bit HDR or SDR display, Shinobi allows you to see your images clearly in daylight on the 1000nit screen featuring a special anti-reflective coating and anti-fingerprint technology. The sleek lightweight design is crafted for maximum efficiency and weighing in at just 200g, it is one of the lightest 4K monitors on the market, stealthily attaching to any HDMI camera setup.

Real-time LUTs preview
Apply and compare looks for post-production in SDR or HDR from your favorite LUTs for your camera. The Shinobi allows you to load up to eight custom LUTs at anytime via the SD Card Slot and instantly select between them, maintaining creative intent at all times.

Designed for every situation
When attached to your camera, the size and weight of your monitor matters. We shaved Shinobi down to the bare essentials and added 1/4"-20 screw mounts top and bottom for ease of cage and adapter rigging. The center mount battery makes balancing easy and maneuverability instant. The Shinobi is compatible with most cameras, smartphones and HDMI-ready devices. Up your monitoring game with the compact and lightweight Shinobi 5" HDR monitor.

atomos.com/products/shinobi
SHINOBI 7

7” HDR Photo & Video Monitor
Professional video production

Big. Bright. Beautiful.
SHINOBI 7 combines a large 7” HDR screen with a peak brightness of 2200nits and the lightweight monitor-only functions of the original Shinobi. Shinobi 7 can be used in the brightest conditions to monitor signals up to 4Kp60 via HDMI or SDI. Ideal as a directors’ monitor, focus pullers’ monitor, program or preview display for video switchers, and perfect for anyone presenting to camera.

HDR in the field
The Shinobi 7 screen displays a stunning 10+ stops of dynamic range in real-time from Log/PQ/HLG signals. Combined with our unique HDR monitoring features, the Shinobi 7 simplifies the complexities of shooting Log and HDR, helping you to replicate post-production workflows at the moment when it matters most – while shooting. With adaptive cooling, you can also prioritize reduced fan noise or the peak brightness of the display.

The best of AtomOS 10
Shinobi 7 utilizes our AtomOS 10 platform, and is packed with an extensive suite of scopes and simple one-touch operations. Shinobi 7 includes monitoring tools for focus, framing & exposure, including focus peaking, 4:1 / 2:1 / 1:1 zoom, zebra, false color, cine and social frame guides, SMPTE safe areas, waveform, RGB parade, vectorscopes, anamorphic de-squeeze and 3D LUT support.

Built-in 3D LUT Box
In addition to Log to HDR conversions, you can also use your own custom 3D LUT to feed downstream to other devices or live feed. Load up to eight custom LUTs at any time via the SD Card Slot and instantly select between them. When used with the selfie mode, the display provides a perfect confidence monitor that allows you to easily apply a LUT to your camera input, to achieve your LOOK at capture.

Continuous Power
With dual battery slots, you can easily hot-swap batteries during your shoot and never be caught without power. The Shinobi 7 was designed from the ground up to optimize battery usage while monitoring, as the dual slots combine to allow you to run all day. The dedicated locking DC jack input allows you to connect to mains power on-set, and can be used with the optional DC to D-Tap cable with V-lock batteries to power the Shinobi 7 in the field.

Pro I/O and Cross Conversion
With support for up to 4Kp60 via the HDMI inputs, the Shinobi 7 cements itself into any video workflow by enabling cross conversion between 4K HDMI and 3G-SDI signals. Output low-latency video signals, with the ability to bring HDMI cameras into SDI workflows or vice versa without the need for additional convertors.

atomos.com/products/shinobi-7
Record like a Ninja
Atomos NINJA V is the ultimate field monitor for the on-the-go film and video creator that values capturing to high quality codecs like Apple ProRes, ProRes RAW, Avid DNx & H.265°. The Ninja V’s accurate screen maintains clarity & color in the brightest of conditions and displays the widest dynamic range in HDR. Ninja V is also packed with professional monitoring features to ensure that every shot is technically and creatively framed and recorded in all its brilliance.

Compact Monitor Recorder
The Ninja V features a stunningly bright 5” 10-bit HDR monitor with an astounding 1000nits of output. The sleek aluminium body is crafted for maximum durability, weighing in at just 360g and measuring only 25mm thick – easily attaching to any camera rig.

Plus, Ninja V enables audio input directly from your camera; choose from digital source via HDMI, or analogue input via the stereo 3.5mm line depending on your rig.

Ninja V & ProRes RAW
The number of cameras which now support RAW recording over HDMI on the Ninja V continues to grow. ProRes RAW combines the visual and workflow benefits of RAW video with the incredible real-time performance of ProRes. This format gives filmmakers enormous latitude when adjusting the look of their images, making it ideal for HDR workflows.

HDR/SDR perfection
The Ninja V displays 10+ stops of dynamic range in real-time from Log/PQ/HLG signals. Ninja V can be calibrated for perfect color accuracy every time, and also enables playout to HDR or SDR TV.

Image analysis & composition
Essential tools include waveform monitors with luma, RGB parade and vectorscope, plus focus peaking, zebra, false color and more that allow for further image QC checks to be remotely monitored. Ninja V is perfect for social media too, with 1:1, 9:16, 4:5 and all essential frame guides and 9-grid.

Edit, finish & upload
Recordings from Ninja V can be used immediately on your Mac or PC. Tag on-the-fly while recording for direct-to-edit look up in Final Cut Pro, Adobe Premiere and Avid Media Composer. For more versatility you can also enable H.265 recording on your Ninja V via activation at my.atomos.com

Endless Open Expansion
Ninja V’s AtomXpansion port allows modular scalability including Wireless Sync & Bluetooth® control and SDI connectivity for your Ninja V. New AtomX CAST turns Ninja V into Ninja CAST, a versatile stand-alone switcher, plus the addition of livestreaming and professional features. The AtomX SYNC module even allows you to swap the battery during recording.

* Optional paid activation

atomos.com/products/ninja-v
The world's first 8K RAW HDR monitor recorder

The NINJA V+ is the next stage in the evolution of the multi-award winning Atomos Ninja V, delivering up to 8Kp30 and 4Kp120 continuous recording in Apple ProRes RAW while inheriting HDR, 4Kp60 RAW and video as well as HDp120 slow motion from Ninja V.

With the ability to capture in 8Kp30 and 4Kp120, the Ninja V+ allows you to stay ahead of the game and ensure that you have the flexibility to grow your system as projects demand.

Resolution Revolution

The NINJA V+ records 8Kp30 ProRes RAW from the Canon EOS R5 camera via a standard HDMI 2.0 connection. This overcomes internal recording limitations and allows you to keep on shooting in 8K!

Atomos and Canon have worked closely to bring customers a world first for capturing 8K RAW and HDR images with incredible clarity and detail. This amazing 8K RAW combo is compact, configurable and very affordable when compared to other 8K setups.

4Kp120 ProRes RAW with SONY and Z CAM

Ninja V+ allows you to capture content at up to 4Kp120 in pristine ProRes RAW with Z CAM E2 and Z CAM E2-M4 and Sony FX6, Sony FX9, with more cameras to follow. This offers a superior alternative to the internal compressed codecs on your camera for high frame rate recording.

Stabilize without compromise

The incredible resolution of 8K video means that even after cropping into the image as part of the stabilization process, the final shot will likely still have a resolution of 4K or even 6K. Integrate with your other 8K footage on the timeline without compromise.

Razor sharp screenshots

High resolution screenshots from 8K full frame cameras also offer the ability to create scene plates for virtual production or use in other content platforms.

Versatile Codec Recording options

Ninja V+ provides the flexibility of ProRes RAW, visually lossless edit ready files, and proxy/sharable files, giving you the ability to scale your needs for quality and file size.

Apple ProRes RAW: Supporting 16-bit RAW outputs from camera via HDMI and optionally via SDI.

Apple ProRes: An industry standard edit-ready codec from Apple with scalable levels of compression.

Avid DNx: An industry standard edit-ready codec for Avid editors with scalable levels of compression.

H.265 (HEVC): Allows you to create high-quality files with a low bit-rate and small file size for sharing. Create 4K HDR 10-bit deliverables with the option to ‘bake in’ LUTs to achieve the final pixel LOOK without the need to grade the footage.

atomos.com/products/ninja-v-plus
**5” HDR Monitor-Recorder with HDMI & SDI I/O**

Perfect for modern compact cinema and mirrorless cameras

**Up to 6K RAW recording via HDMI and SDI with Ninja V Pro Kit**

The NINJA V PRO KIT has been designed to bridge the gap between compact cinema and mirrorless cameras that can output RAW via HDMI or SDI. Pro Kit pushes the limits of these cameras, recording up to 6K 12-bit RAW* externally on the Ninja’s onboard SSD. Ninja V Pro Kit also allows cross conversion of signals, providing a versatile solution for monitoring and playback.

**Everything you’d expect from Ninja V**

The robust aluminium 5” monitor-recorder allows for a compact rig set-up for camera owners and operators to work with all the latest cameras. Combined with the AtomX SDI Module and some serious tuning under the hood, the Pro Kit can record RAW via SDI from some of the best compact cinema cameras on the market.

**No RAW, no problem**

The Ninja V is a versatile HDMI/SDI monitor-recorder with the options also to record ProRes, Avid DNx and H.265. Worry less when it comes to excess weight and battery management, as the Pro Kit is designed to be powered via D-Tap from your camera battery or rig. Pro Kit also includes a AtomX 5” Sunhood providing increased monitoring options outdoors, and reduced ambient light for when monitoring in HDR.

**Powerful & versatile I/O**

Adding dual 12G SDI connectivity expands the compatibility with even more cameras to provide offboard 10-bit 422 recording in edit ready codecs or as proxy files from RED or ARRI, allowing the file naming and timecode from the camera to also be carried via SDI to the recorded files.

In playback mode, the Ninja V Pro Kit provides a lossless signal distribution with 2 x 12G SDI and 1 x HDMI 2.0 for simultaneous outputs up to 4Kp60.

**3 ways to power your Ninja**

- **In the Studio**, you can use the included DC power supply with lockable jack to connect to the Ninja V.
- **On-set**, the included D-Tap cable allows you to connect to your choice of battery with a D-Tap output.
- **On the move** with a compact rig, you also have the choice to run the Ninja directly from an optional NPF battery.

**What’s in the Ninja V Pro Kit box?**

The Ninja V Pro Kit is a pre-assembled monitor kit that can output RAW via HDMI or SDI. Pro Kit also includes a AtomX SDI Module and some serious tuning under the hood, the Pro Kit can record RAW via SDI from some of the best compact cinema cameras on the market.

**Browsing all compatible cameras**

atomos.com/products/ninja-v-pro-kit

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**NINJA V+ PRO KIT**

5” HDR Pro Monitor-Recorder with HDMI & SDI I/O

Perfect companion for SONY FX6 and FX9 4kp120 capture

**Level Up**

With all the power of the Ninja V+ for 4Kp120, the NINJA V+ PRO KIT adds 4Kp120 continuous recording via SDI. Ninja V+ Pro Kit gives you the freedom to use the same reliable monitoring and recording on virtually any camera, from the latest mirrorless through to professional cinema cameras.

**Ninja V+ Pro Kit and 4Kp120**

The Ninja V+ Pro Kit enables 4Kp120 ProRes RAW recording mode from the SDI RAW output of the Sony FX6 and FX9. Both Atomos and Sony users will now be able to experience the benefits of high frame rate and resolutions, whilst recording in pristine ProRes RAW.

**The latest technology**

The Ninja V+ takes advantage of new Atomos Silicon AtomiC3, AtomOS 10 and the incredible efficiency of ProRes RAW to deliver these increased resolutions and frame rates. The new formats also integrate seamlessly into the timeline of your existing ProRes RAW or ProRes projects, without huge storage or processing overheads.

**Professional accessories**

There is no need to worry about battery management and excess weight as the Pro Kit is designed to be powered in multiple ways – via D-Tap from your camera battery or rig, via the included battery eliminator for studio power, or readily available NPF batteries.

**What’s in the box?**

Ninja V+ unit (RAW over SDI Pre-Activated), H.265 (free activation required), AtomX SDI module, EVA Carry Case, 5” Slip Case, Battery Eliminator, International DC Power Supply, 1 x Master Caddy II, 1 x D-Tap Cable and AtomX 5” Sunhood.

atomos.com/products/ninja-v-plus-prokit

* with compatible cameras

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**atomos.com/products/ninja-v-pro-kit**

atomos.com/products/ninja-v-plus-prokit
Take control of your production

SHOGUN 7 embraces the high production values of RAW and 4K HDR to give you complete control of every aspect of your production, on-set and in post. Meticulously monitor every pixel of SDR or HDR as it is captured. Record up to 5.7K Apple ProRes RAW or 4K Apple ProRes. You can even shoot RAW at high frame rates up to 2Kp240.

Perfect exposure and color

With Shogun 7's dynamic zoned backlight, blacks are deeper, whites are brighter, and the details of highlights are crystal clear. See what the camera sensor is capturing with unparalleled precision and use the advanced HDR waveform tools from log or RAW to ensure perfect exposure, color and white balance. Shogun 7 gives you the control to maximize HDR exposure, while feeling comfortable with SDR finishing in post.

Creative advantages of shooting RAW

Shogun 7 takes RAW data directly from the camera’s sensor and preserves the unprocessed image. This gives you more freedom to adjust and finesse every aspect of your video in post-production finishing. ProRes RAW files are smaller than most proprietary RAW formats so you can import, edit and grade faster and more efficiently. ProRes RAW is supported in Final Cut Pro, Adobe Premiere and Avid Media Composer.

One monitor, many uses

Shogun 7 is the essential 7” workhorse that allows you to monitor-record-switch and live stream all from one device. Add to that 4x ISO + Program recording, ProRes RAW recording and so much more.
AtomX CAST

AtomX CAST is a modular companion for the Atomos Ninja V or Ninja V+ monitor-recorder that docks and communicates via the AtomXpansion port on the Ninja V or Ninja V+, transforming it into an advanced multi-input switcher.

The combination of the Ninja V or Ninja V+ and AtomX CAST becomes the NINJA CAST, a fully functional stand-alone switcher, multiview monitor and broadcast quality recorder that does not require a computer to function. With a high quality 5” HDR touchscreen monitor, 4 x HDMI inputs and physical buttons, the Ninja CAST is the ultimate portable live switching and streaming solution.

Broadcast features for everyone

AtomX CAST is for video creators and anybody who wants to make broadcast quality multi-camera programs simply and quickly from anywhere. It is also for anyone that wants to add professional broadcast quality features to their online meetings, presentations, remote learning/training, virtual conferences, demonstrations or engaging corporate videos. Add logos and titles, picture-in-picture and multiple audio inputs. Best of all, CAST is simple and easy to use — you don’t need to be a video professional to achieve great looking results.

Simple Switching

The flexible control options allow you to use either the touchscreen or the physical buttons to ‘switch’ between sources when deciding what should be on screen at any one time for broadcast. The illuminated buttons for each input and colored LED lighting for Program and Preview status allow you to operate the CAST in dimly lit environments.

Connect any full HD video source

Connect mirrorless or DSLR cameras, video cameras, computers, consoles or even pre-recorded video and graphic content via HDMI. There is no need to worry about synchronization, as you can mix and match frame rates up to 60p, as well as interlaced and progressive HD sources automatically.

Integrates seamlessly

With the Ninja V/V+ docked in, the AtomX CAST connects via USB-C to your computer and appears as a high-quality webcam. Plug and play allows it to work immediately with all your video applications like Zoom, Teams and Skype without the need to install drivers on the computer first. It also works instantly with popular streaming software like OBS, X-Split and VMix.

Atomos.com/accessories/atomxcast
AtomX Expansion Modules

Added functionality for NINJA V and NINJA V+

AtomX SDI

The AtomX SDI Expansion module extends the capability of the Ninja V and Ninja V+ by adding 12G SDI I/O. With 2 x industry standard full size BNC connectors, the SDI module provides the flexibility to be configured to meet the required video standards. Single link SDI connections will automatically be configured based on the signal input between 12G/6G/3G/HD with the ability to toggle between input channel sources on SDI 1 & 2, both supporting up to 4Kp60. Dual-link connections are supported for 1.5G/3G/6G standards supporting an additional range of cameras. With a single camera connected, the second SDI provides an SDI loop out with option to apply 3D LUTs, 4K to HD down converts and DCI crop. Playback via Ninja V/V+ allows you to review clips and assemble playlists for simultaneous output over both SDI connections at up to 12G 4Kp60.

AtomX SYNC

Video and Audio in Sync, all the time

The AtomX SYNC module brings wireless timecode, sync & control technology to the Ninja V/V+. SYNC connects multiple Ninja V or Ninja V+, cameras and audio recorders using reliable long range RF wireless technology patented by Timecode Systems. At the same time, it can also bring other devices into the synchronized system via Bluetooth. On iPhone and iPad, this works with apps like the Mavis Pro camera, Apogee's MetaRecorder and MovieSlate8 logging. SYNC is also compatible with professional Zoom audio recorders such as the F8, F8n, F6 and H3-VR in addition to the F2-BT Bodypack recorder.

Continuous power your Ninja V/V+

The AtomX SYNC module clips in between the Ninja V or Ninja V+ and your battery. A small battery inside also acts as a hot swap continuous power battery extender, allowing you to keep your Ninja V running for approximately 5 minutes while you change the main battery. Playback via Ninja V/V+ allows you to review clips and assemble playlists for simultaneous output over both SDI connections at up to 12G 4Kp60.

AtomX SDI

H.265 Recording for Ninja V

Ninja V owners can now record using the 10-bit H.265 (HEVC) codec by purchasing the upgrade at my.atomos.com for $99 (USD). The ability to record in H.265 adds even more versatility to the Ninja V as you can now record in this high-quality compressed format with small file sizes. Activate now at my.atomos.com

H.265 is also a great option where you need to share files quickly or where there is limited time or budget for color grading, as the H.265 files maintain excellent image quality and allow you to ‘bake in’ Rec. 709 or a custom LUT to the file.

H.265 is also an excellent option for ARRI and RED SDI proxy workflows, where RAW is being recorded internally on the camera. Recordings can use the same name as the internal files, so that you can start editing with high quality proxy files immediately. Then, once you have created your edit, you can use the RAW files for the final color grade.

RAW over SDI Recording for Ninja V and Ninja V+

Ninja V and Ninja V+ owners can now benefit from the ability to record RAW over SDI with compatible cameras using the AtomX SDI Module and paid upgrade of $99.

The addition of RAW over SDI enables recording up to 6K 12-bit RAW* externally on the Ninja’s onboard SSD. RAW over SDI Activation also provides the ability to cross convert HDMI RAW signals to SDI, providing a versatile solution for monitoring and playout/review.

These new features bring even more versatility to the Ninja V, providing professional I/O options for a multitude of cameras – from entry level mirrorless cameras through to the latest compact cinema and high-end professional cameras.

atomos.com/accessories

my.atomos.com

PRO FEATURE ACTIVATION

Optional features for custom workflows

*With compatible cameras.