



Product name	Ninja
Category	On-camera Monitor-recorder
Product Title	Ninja: 5-inch, 1000nit HDR monitor-recorder for DSLR and mirrorless cameras
Part Code	ATOMNJA004

NINJA - The best just got better. Enhance your camera and capture your vision with Atomos

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 and advanced monitoring tools and RAW recording. Atomos' close partnerships with major camera manufacturers ensure that Ninja works flawlessly with an increasing range of DSLR and mirrorless cameras

- Lightweight, tough and reliable device with a new clean and modern interface and compatible with a huge range of HDMI-output cameras
- ► Record up to 4Kp60 in Apple ProRes, Avid DNxHD, and now H.265 (HEVC) included and up to 6Kp30 in Apple ProRes RAW
- ▶ New AtomOS 11 improves memory management, boosts responsiveness, and unleashes new features
- · Share what's on your Atomos screen with other Atomos Connect users, as well as with Shogun Connect, iPads, Macs and Apple TVs wirelessly in the same premises or anywhere in the world with Atomos
- ▶ New tools to arrange in advance recording and playback with RecordAssist and PlayBackAssist.
- * Additional advanced industry leading suite of monitoring tools with one-touch operation: SegmentPro**, EL Zone, ARRI False color added in combination with other monitoring tools like Vectorscopes, Zebra, Atomos False Color, Onion Skin, etc.
- ▶ Built-in AtomX expansion port offering an ecosystem of SDI connectivity and NDI workflows with Atomos Connect and AtomX Cast
- ▶ Add Atomos Connect for a gateway into the cloud and all the benefits of Atomos Cloud Studio
- ► Same form factor as NinjaV, all Accessories are compatible with the new Ninja Series (Ninja & Ninja Ultra)
- *requires Atomos Connect **Coming September 2023

Ninja is a 5-inch lightweight, compact camera-mounted 10-bit HDR monitor recorder up to 4Kp60 in ProRes, ProRes RAW, Avid DNx, H.265 codec amplifying on monitoring features and connected capabilities.

Built with the AtomIC chipset and a new user interface AtomOS 11 that optimizes its memory management, Ninja sets a new standard in creativity for any kind of creator. AtomOS 11 brings to creators a host of great new and advanced monitoring and recording features like RecordAssist, PlayBackAssist, SegmentPro, ELZone, Arri False color.

Add the Atomos Connect module to Ninja to share what's on your Atomos screen with other connect related devices, iPads, Macs and Apple TV wiresly in the same premises or anywhere in the world in Atomos RemoteView. Make Ninja even more versatile in combination with Atomos Connect to access to cloud workflows like C2C, Atomos Edit and Atomos RemoteView via Atomos Cloud Studio. Connect also features 12G-SDI, AirGlu wireless timecode and control, Wi-Fi 6, and NDI, Atomos' close partnerships with major camera manufacturers ensure that Ninia works flawlessly with an increasing range of DSLR and mirrorless cameras.

Capture your vision with the Ninja

Ninja brings your creativity to life in every project, from cinematic to social media, HDR and SDR. It pairs flawlessly with a huge range of HDMI-equipped cameras, from professional cinema to mirrorless.

Ninja is the ultimate field monitor for on-the-go film and video creators who value high quality industry standard codecs like ProRes and ProRes RAW. The Ninja's state-of-the-art screen maintains clarity and color in the brightest of conditions and displays bright, clear HDR images for on-set or on-location monitoring

Compact monitor-recorder made perfect

The Atomos Ninja features a stunningly bright 5.2-inch 10-bit HDR monitor with 1000nits brightness. Sleek and durable, the aluminium body weighs just 360g and is only 25mm deep for easy mounting on any rig.

New AtomOS, New Look, New Possibilities

Introducing a new version of our operating system, AtomOS 11. Built uniquely for the new Ninja, it not only looks amazing, but introduces a host of great new features.

We've made the tools more visible and improved the look of the icons so you know exactly what you're selecting. It's easier to use, more logical and feels more professional.

Endless features with OS11

The Ninja offers a huge range of features that can enhance your workflow, including AtomOS Monitor Assist features like Focus Peaking, Zoom, Vectorscopes & Atomos and ARRI False Color, EL Zone colorized exposure through to Safe Areas, Cine Guides and our AtomHDR processing engine that allows realtime Log>PQ/HLG previewing and more

Unlock the full potential of your camera with Ninja

Ninja's wide range of codecs makes it compatible with all major editing software packages. Virtually any HDMI or SDI source is supported, including cameras from Nikon, FujiFilm, Canon, Panasonic, Sony, Z-Cam, Sigma, Olympus, RED and ARRI.

Ninia & ProRes RAW

Over 55 cameras which now support RAW recording over HDMI on the Ninja and this list is still growing. Apple ProRes RAW combines the visual and workflow benefits of RAW video with the incredible real-time performance of ProRes. It gives filmmakers enormous latitude to adjust look of their images, making it ideal for HDR workflows. The new Apple ProRes RAW plug-in adds camera-specific characteristics to the mix.

Ninja owners can now record RAW over SDI with compatible cameras using the Atomos Connect module

These new features make the Ninia even more versatile, 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.

Ninja & Atomos Connect module

Add an Atomos Connect module to the Ninja to access to cloud workflows like C2C, Atomos Edit and Atomos RemoteView via Atomos Cloud Studio. Connect also features 12G-SDI, AirGlu wireless timecode and control, Wi-Fi 6 and GigE Ethernet

Access to Atomos RemoteView with a subscription to Atomos Cloud Services, using Atomos Credits for a simple 'pay as you go service'. Atomos RemoteView is a unique new service that lets you share what's on your Atomos screen with other Atomos users, as well as with iPads, Macs and Apple TVs wirelessly. You can monitor what's happening on-set and look through the camera taking the shot. What's more, you can do this remotely from anywhere in the world. It's a new degree of creative freedom for filmmakers.

NDI with Atomos Connect

NDI is a way to send video over ordinary networks (including Wi-Fi and Mobile) in high quality but with remarkably low bandwidth requirements. It's increasingly used in live production, and now your Ninja can take part in an NDI network. The NDI TX option turns your Connect-enabled Ninja into an NDI source, visible to all other NDI compatible devices on the local network.

Record 4K HDR gaming

Ninja is a stand-alone system for 4k UHD, HDR and high frame rate capture that eliminates expensive, complicated and unreliable PC setups. Ninja enables simple recording, monitoring and instant review. Capture every detail in HDR and automatically include all the correct HDR flags ready for upload to YouTube. Ideal for games development testing, pre-release capture sessions or just to show off your skills!

Speciment (19 mm) 19	0	
The content of the	Specifications	
Sept		474 0 0 4 5 0 2 4 mm
Section	` '	
See 1997 1	-	360g / 12.762
SQL Marie		
Section		1 x anti-rotation 1/4-inch / 3/8-inch top and bottom
State Stat		
State Stat		
Content		
Activation of the properties 10	Dual recorder	
Storage Temperature	Environmental	
Scotler	Ambient operating temperature	Up to 40 degrees Celsius
Commercial Control	Storage temperature	
Section April 1997 April 1997 Section	Relative humidity	
Coding	Construction & Control	
Secretary Secr	Body	Aluminium with ABS plastic
Secretary Secr	Cooling	Actively controlled fan and heat sink
Control fulls to 19		Rear and front
Montangement and State Montangement and St		
Manufacture and a Manufacture Manufactur		Power / lock screen
Matter care and PACO		
Seption		
Section Sect		
Spirate Spir		6 2V to 16 8V
Compatible statement No. 19 Section		
Solit Installary Solit State Solit Sta		
Science Control Cont	•	
Solity on this Record		INO
Testing Test		5000-Ab to 2 by (supplied 2 mond 4/4 COs)
Salety to an inval Notation Chily Continuous pools Of 15 controlled Of 15 control	Battery run time Record	
Collection power Var DC jack on Isolary efferination Var DC jack on Isolary Var DC Var		/виимал - up to shrs (monitor & record 4K вир)
Cit Concented Ma Cit Leaf Cit		
1924		
150 pts 150		
Common		Via battery eliminator and optional DTap to DC cable
Separation Sep	DC out	
Separation Sep	Display	
Sue		SuperAtom IPS panel (capacitive touch)
Vision Pin 197 1		5.2-inch
Vision Pin 197 1	Resolution	1920 x 1080
Screen coating		
PR		1
10-98 (61-27 PKG) 10-98 (81-27 PKG) 10-9		427
Salpe		
Bightness (chmir/ Nils) 1000 10		
Black Level (climb 2 / Nile)		
Aspect ratio 16.96		100
De-Interface mode		10.00
Color Gamus Rec. 709	·	10.09
Amonics Calibrator with Calibratic Carbon-Long Vines Deploy Ptus	De-interlace mode	
Color Pipeline		D. 300
Sorry Stag / Stog / Stog / Stog / Stog / Stog / Clog / C	Color Gamut	
An Log CEH00 / LogCEH00 / LogCE	Color Gamut Calibration support	
LogCEH001 LogCH001 LogCEH001 LogCE	Color Gamut Calibration support Color Pipeline	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus
LogCE11001 LogCE11280 LogCE1128	Color Gamut Calibration support Color Pipeline	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3,
MyC_JCQ_R, Red Log/Flim / Log/SE10 / Log/SE10 / Log/SE12, Full-Flim	Color Gamut Calibration support Color Pipeline	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320
Figs_PC (FIDR10), HLC, Nikon N-Log Gamut SB200, DCI P3, PCI P3 86 Sony SGamut / SGamut Scamut Sca	Color Gamut Calibration support Color Pipeline	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 /
Service Serv	Color Gamut Calibration support Color Pipeline	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic Vlog,
Sony SGamut / SGamut 3 Gamut 4.0000	Color Gamut Calibration support Color Pipeline	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI320 / LogCEI320 / LogCEI400 / LogCEI640 / LogCEI640 / LogCEI600 / ClogCEI600 / LogCEI600 /
Canon Cinema DCI P3 / DCI P3* BT2020	Color Gamut Calibration support Color Pipeline	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI320 / LogCEI320 / LogCEI600 / Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log
Panasonic V Gamut	Color Gamut Calibration support Color Pipeline Gamma	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI250 / LogCEI320 / LogCEI320 / LogCEI400 / LogCEI640 / LogCEI640 / LogCEI640 / LogCEI640 / LogCEI640 / LogCEI640 / LogCEI1080 / Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bt2020, DCI P3, PDCI p3 65
Arri Alexa Wide Gamut Rec709 Tot 15300 Red OragonColor / PagonColor / Pagon	Color Gamut Calibration support Color Pipeline Gamma	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI400 / LogCEI1280 / LogCEI1600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bi2020, DCI P3, PDCI p3 65 Sony SGamut / SGamut3 / SGamut3.cine /
Rec 709 JVC 15300 Red DragonColor / PragonColor 2 / Red Colors 3 / Red Colors 4 / Red Wide Gamut	Color Gamut Calibration support Color Pipeline Gamma	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI400 / LogCEI1280 / LogCEI1600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bi2020, DCI P3, PDCI p3 65 Sony SGamut / SGamut3 / SGamut3.cine /
A	Color Gamut Calibration support Color Pipeline Gamma	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bt2020, DCI P3, PDCI p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020
Red DragonColor / DragonColor / RedColor / RedColor / RedColor / RedWideGamut 3D LU+A76T Display Cube Format 3D LUT Down Stream Loop out 3D LUT Down Stream Loop Out Monitoring Modes Native / HLG / PQ / 3D LUT HOR output Conversion Log / HDR to HLG / PQ / Dolby Vision Video Input 1 HDMI 1 x HDMI (2.0) 4Kp60 HDMI 1 x HDMI (2.0) 4Kp60 HDM RAW Apples Prokes RAW up to 6K with compatible cameras SDI RAW Optional Via Altomos Connect module SLI FAW Optional Via Altomos Connect module W-FI Image: Comparation of the comparat	Color Gamut Calibration support Color Pipeline Gamma	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI640 / LogCEI600, LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log 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
RedColor3 / RedColor4 / RedWideGamut 3D LU+76T Display Cube Format 3D LUT Down Stream Loop out 3D LUT 50/50 Yes Monitoring Modes Native / HLG / PO / 3D LUT HDR output Conversion Log / HDR to HLG / PO / Dolby Vision Video Input ************************************	Color Gamut Calibration support Color Pipeline Gamma	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log 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
RedColor3 / RedColor4 / RedWideGamut 3D LU+76T Display Cube Format 3D LUT Down Stream Loop out 3D LUT 50/50 Yes Monitoring Modes Native / HLG / PO / 3D LUT HDR output Conversion Log / HDR to HLG / PO / Dolby Vision Video Input ************************************	Color Gamut Calibration support Color Pipeline Gamma	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log 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
SD LLY 767 Display	Color Gamut Calibration support Color Pipeline Gamma	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus 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 Bi2020, 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
	Color Gamut Calibration support Color Pipeline Gamma	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PO (HDR10), HLG, Nikon N-Log Bt2020, DCI P3, PDCI p3 65 Sony SCamut / SCamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3+ / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor 2 / RedColor 2 /
Section Sect	Color Gamut Calibration support Color Pipeline Gamma Gamut	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI640 / LogCEI640, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bt2020, DCI P3, PDCI p3 65 Sony SCamut / SCamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3+ / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor / RedColor2 / RedColor3 / RedColor4 / RedWideGamut
Monitoring Modes Native / HLG / PQ / 3D LUT HDR output Conversion Log / HDR to HLG / PQ / Dolby Vision Video Input 1 HDMI 1 x HDMI (2.0) 4Kp60 HDMI RAW Apples ProRes RAW up to 6K with compatible cameras SDI Optional Visa Atomos Connect module SDI RAW Optional Visa Atomos Connect module RJ45 / Network Image: Processing Connect module Wi-FI Image: Processing Connect module USB Image: Processing Connect module Video Chroma Subsampling 4:2:2 HDCP copy protection Not supported Metadata Image: Processing Connect module MDMI RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut SDI External input Image: Processing Connect module Wideo Output Image: Processing Connect module HDMI 1 x HDMI (2.0) 4Kp60 SDI Play out Image: Processing Connect module Wi-Fi 6 Optional Via Atomos Connect module	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / Clog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI640 / LogCEI600, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log 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 Cube Format
HDR output Conversion Log / HDR to HLG / PQ / Dolby Vision	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI400 / LogCEI1280 / LogCEI1600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log 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 Loop out
Video Input Including (2.0) 4Kp60 HDMI 1 x HDMI (2.0) 4Kp60 HDMI RAW Apples ProRes RAW up to 6K with compatible cameras SDI Optional Via Atomos Connect module SDI RAW Optional Via Atomos Connect module RJA5 / Network Image: ProRes RAW up to 16-bit USB Image: ProRes RAW up to 16-bit USB Image: ProRes RAW up to 16-bit Video Chroma Subsampling 4:2.2 HDCP copy protection Not supported Metadata Image: ProRes RAW up to 16-bit SDI RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut SDI External input Image: ProRes RAW up to 16-bit Video Output Image: ProRes RAW up to 16-bit Video Output Image: ProRes RAW up to 16-bit SDI loop out Image: ProRes RAW up to 16-bit SDI loop out Image: ProRes RAW up to 16-bit SDI loop out Image: ProRes RAW up to 16-bit SDI loop out Image: ProRes RAW up to 16-bit SDI loop out Image: ProRes RAW up to 16-bit SDI loop out Image: ProRes RAW up to 16-bit <	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus 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 Bi2020, 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 Loop out Yes
HDMI Apples ProRes RAW up to 6K with compatible cameras	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PC (HDR10), HLG, Nikon N-Log Bt2020, DCI P3, PDCI p3 65 Sony SGamut / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut .Cube Format Loop out Yes Native / HLG / PQ / 3D LUT
HDMI RAW Apples ProRes RAW up to 6K with compatible cameras SDI Optional Via Atomos Connect module SDI RAW Optional Via Atomos Connect module RJ45 / Network RJ45 / Network Wi-Fi Image: Control of the cont	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT 50/50 Monitoring Modes HDR output Conversion	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI600 / LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PC (HDR10), HLG, Nikon N-Log Bt2020, DCI P3, PDCI p3 65 Sony SGamut / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut .Cube Format Loop out Yes Native / HLG / PQ / 3D LUT
SDI Optional Via Atomos Connect module SDI RAW Optional Via Atomos Connect module RJ45 / Network Image: Control of the properties of the	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI500 / LogCEI520 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / L
SDI RAW Optional Via Atomos Connect module RJ45 / Network Image: RJ45 / Network register of the part of t	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog / SLog 3, Canon CLog / CLog 2 / Clog 3, Arri Log CE1160 / LogCE1200 / LogCE1250 / LogCE1320 / LogCE1400 / LogCE1500 / LogCE1640 / LogCE1800 / LogCE11000 / LogCE11280 / LogCE11600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / LogSG12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log 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 Cube Format Loop out Yes Native / HLG / PQ / 3D LUT Lof / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60
RJ45 / Network Wi-Fi Wi-Fi Wi-Fi USB Bit Depth Bit Depth 8/10-bit video / RAW up to 16-bit Video Chroma Subsampling 4:2:2 HDCP copy protection Not supported Metadata Metadata HDMI RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut SDI External input Closed captioning Closed captioning Video Output 1 x HDMI (2.0) 4Kp60 SDI loop out 5DI loop out SDI lay out 2NJ45 / GigE Vi-Fi 6 Optional Via Atomos Connect module Multiview Unional Via Atomos Connect module	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEl160 / LogCEl200 / LogCEl250 / LogCEl320 / LogCEl400 / LogCEl200 / LogCEl640 / LogCEl800 / LogCEl1000 / LogCEl1280 / LogCEl1600, Panasonic Vlog, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bi2020, 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 Loop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras
Wi-Fi USB Bit Depth 8/10-bit video / RAW up to 16-bit Video Chroma Subsampling 4:2:2 HDCP copy protection Not supported Metadata ****	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI RAW SDI	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog 2 / SLog 3, Canon CLog / CLog 2 / Clog 3, Arri Log CEI160 / Log CEI200 / Log CEI250 / Log CEI320 / Log CEI400 / Log CEI200 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI640 / JVC JLog 1, Red Log Film / Log 3G10 / Log 3G12, Fuji Film Flog, PQ (HDR10), HLG, Nikon N-Log BL2020, DCI P3, PDCI p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec 709 JVC LS300 Red DragonColor / DragonColor / Red Color 2 / Red Color 3 / Red Color 4 / Red Wide Gamut Loop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module
USB Bit Depth 8/10-bit video / RAW up to 16-bit Video Chroma Subsampling 4:2:2 Metadata HDCP copy protection Not supported Metadata HDMI RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut SDI External input Closed captioning Closed captioning I x HDMI (2.0) 4Kp60 FIDMI STATE S	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI RAW	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog 2 / SLog 3, Canon CLog / CLog 2 / Clog 3, Arri Log CEI160 / Log CEI200 / Log CEI250 / Log CEI320 / Log CEI400 / Log CEI200 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI640 / JVC JLog 1, Red Log Film / Log 3G10 / Log 3G12, Fuji Film Flog, PQ (HDR10), HLG, Nikon N-Log BL2020, DCI P3, PDCI p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec 709 JVC LS300 Red DragonColor / DragonColor / Red Color 2 / Red Color 3 / Red Color 4 / Red Wide Gamut Loop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module
Bit Depth 8/10-bit video / RAW up to 16-bit Video Chroma Subsampling 4:2:2 HDCP copy protection Not supported Metadata RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut SDI RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut SDI External input Closed captioning Closed captioning Invited Parameter SDI Ioop out SDI Ioop Optional Via Atomos Connect module Multiview Multiview SI/OF SDI VIA Atomos Connect module Multiview SI/OF SI	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI SDI RAW RJ45 / Network	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog 2 / SLog 3, Canon CLog / CLog 2 / Clog 3, Arri Log CEI160 / Log CEI200 / Log CEI250 / Log CEI320 / Log CEI400 / Log CEI200 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI640 / JVC JLog 1, Red Log Film / Log 3G10 / Log 3G12, Fuji Film Flog, PQ (HDR10), HLG, Nikon N-Log BL2020, DCI P3, PDCI p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec 709 JVC LS300 Red DragonColor / DragonColor / Red Color 2 / Red Color 3 / Red Color 4 / Red Wide Gamut Loop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module
Video Chroma Subsampling 4:2:2 HDCP copy protection Not supported Metadata External input External input External input Closed captioning In HDMI (2.0) 4Kp60 Video Output 1 x HDMI (2.0) 4Kp60 SDI Play out SDI Play out RJ45 / GigE Optional Via Atomos Connect module Multiview Optional Via Atomos Connect module Multiview Optional Via Atomos Connect module	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog 2 / SLog 3, Canon CLog / CLog 2 / Clog 3, Arri Log CEI160 / Log CEI200 / Log CEI250 / Log CEI320 / Log CEI400 / Log CEI200 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI600 / Log CEI1000 / Log CEI1280 / Log CEI640 / Log CEI640 / JVC JLog 1, Red Log Film / Log 3G10 / Log 3G12, Fuji Film Flog, PQ (HDR10), HLG, Nikon N-Log BL2020, DCI P3, PDCI p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec 709 JVC LS300 Red DragonColor / DragonColor / Red Color 2 / Red Color 3 / Red Color 4 / Red Wide Gamut Loop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module
HDCP copy protection Not supported Metadata RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut SDI External input Closed captioning In x HDMI (2.0) 4Kp60 Video Output In X HDMI (2.0) 4Kp60 SDI loop out SDI play out RJ45 (GigE Optional Via Atomos Connect module Multiview Optional Via Atomos Connect module Multiview In X HDMI Via Atomos Connect module	Color Gamut Calibration support Color Pipeline Gamma Gamut Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI100 / LogCEI200 / LogCEI640 / LogCEI6800 / LogCEI100 / LogCEI200 / LogCEI640 / LogCEI600 / LogCEI100 / LogCEI200 / LogCEI640 / LogCEI600 / LogCEI100 / LogCEI200 / LogCEI640 / LogCEI600 / LogCEI100 / LogCEI200 / LogCEI600 / LogCEI600 / LogCEI00 / LogCEI200 / LogCEI600 / LogCEI600 / LogCEI00 / LogCEI600 / LogCEI600 / LogCEI600 / LogCEI00 / LogCEI600 / Log
Metadata RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut SDI External input Closed captioning F Video Output In x HDMI (2.0) 4Kp60 SDI loop out In x HDMI (2.0) 4Kp60 SDI Play out SDI Play out SJ45 / GigE Optional Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview Hultiview	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT Down Stream 3D LUT Down Stream 3D LUT Stream Monitoring Modes HDR output Conversion Video Input HDMI HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI100 / LogCEI200 / LogCEI640 / LogCEI680 / LogCEI100 / LogCEI200 / LogCEI640 / LogCEI600 / LogCEI100 / LogCEI200 / LogCEI640 / LogCEI600 / DogCEI100 / LogCEI200 / LogCEI640 / LogCEI600 / DogCEI100 / LogCEI200 / LogCEI600 / LogCEI600 / DogCEI100 / LogCEI200 / LogCEI600 / LogCEI600 / DogCEI00 / LogCEI600 / LogCEI600 / LogCEI600 / DogCEI00 / DogCEI600 / LogCEI600 / LogCEI
HDMI RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut External input Closed captioning Video Output HDMI 1 x HDMI (2.0) 4Kp60 SDI loop out SDI loop out SDI Play out SDI Play out Wi-Fi 6 Optional Via Atomos Connect module Multiview Multiview Multiview	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog 2 / SLog 3, Canon CLog / CLog 2 / Clog 3, Arri Log CE1160 / LogCE1200 / LogCE1250 / LogCE1320 / LogCE1100 / LogCE1000 / LogCE1600 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE11280 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE11280 / LogCE11600 , Panasonic Vlog, JVC JLog1, Red LogFilm / Log 3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bit2020, DCI P3, PDCI p3 65 Sony SCamut / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor 2 / RedColor 2 / RedColor 3 / RedColor 4 / RedWideGamut Cube Format Loop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module Optional Via Atomos Connect module
SDI External input Closed captioning Video Output HDMI 1 x HDMI (2.0) 4Kp60 SDI loop out SDI Play out SDI Play out Doptonal Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview Multiview	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI SSDI SDI SSDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog 2 / SLog 3, Canon CLog / CLog 2 / Clog 3, Arri Log CE1160 / LogCE1200 / LogCE1250 / LogCE1320 / LogCE1100 / LogCE1000 / LogCE1600 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE11280 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE11280 / LogCE11600 , Panasonic Vlog, JVC JLog1, Red LogFilm / Log 3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bit2020, DCI P3, PDCI p3 65 Sony SCamut / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor 2 / RedColor 2 / RedColor 3 / RedColor 4 / RedWideGamut Cube Format Loop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module Optional Via Atomos Connect module
SDI External input Closed captioning *** Video Output *** HDMI 1 x HDMI (2.0) 4Kp60 SDI loop out *** SDI Play out *** RJ45 / GigE Optional Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview ***	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CE1160 / LogCE1250 / LogCE1250 / LogCE1230 / LogCE1160 / LogCE1250 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1250 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogGE1120 / LogGE160 / LogCE1600 / JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bi2020, DC1 P3, PDC1 p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / JCI P3 / DCI P3+ / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut Lop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module Optional Via Atomos Connect module 8/10-bit video / RAW up to 16-bit 4/2:2 Not supported
Closed captioning Video Output HDMI 1 x HDMI (2.0) 4Kp60 SDI loop out SDI Play out RJ45 / GigE Optional Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview Multiview	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CE1160 / LogCE1250 / LogCE1250 / LogCE1230 / LogCE1160 / LogCE1250 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1250 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogGE1120 / LogGE160 / LogCE1600 / JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bi2020, DC1 P3, PDC1 p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / JCI P3 / DCI P3+ / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut Lop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module Optional Via Atomos Connect module 8/10-bit video / RAW up to 16-bit 4/2:2 Not supported
Closed captioning Video Output HDMI 1 x HDMI (2.0) 4Kp60 SDI loop out SDI Play out RJ45 / GigE Optional Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview Multiview	Color Gamut Calibration support Color Pipeline Gamma Gamma Gamut Gamu	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CE1160 / LogCE1250 / LogCE1250 / LogCE1230 / LogCE1160 / LogCE1250 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1250 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogGE1120 / LogGE160 / LogCE1600 / JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bi2020, DC1 P3, PDC1 p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / JCI P3 / DCI P3+ / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut Lop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module Optional Via Atomos Connect module 8/10-bit video / RAW up to 16-bit 4/2:2 Not supported
Video Output Incompany HDMI 1 x HDMI (2.0) 4Kp60 SDI loop out Incompany SDI Play out Incompany RJ45 / GigE Optional Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview Incompany	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata HDMI HDMI HDCP copy protection Metadata HDMI SDI	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CE1160 / LogCE1250 / LogCE1250 / LogCE1230 / LogCE1160 / LogCE1250 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1250 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogGE1120 / LogGE160 / LogCE1600 / JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bi2020, DC1 P3, PDC1 p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / JCI P3 / DCI P3+ / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut Lop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module Optional Via Atomos Connect module 8/10-bit video / RAW up to 16-bit 4/2:2 Not supported
HDMI 1 x HDMI (2.0) 4Kp60 SDI loop out SDI Play out SDI Play out Optional Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview Multiview	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata HDMI SDI SDI External input	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CE1160 / LogCE1250 / LogCE1250 / LogCE1230 / LogCE1160 / LogCE1250 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1250 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogGE1120 / LogGE160 / LogCE1600 / JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bi2020, DC1 P3, PDC1 p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / JCI P3 / DCI P3+ / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut Lop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module Optional Via Atomos Connect module 8/10-bit video / RAW up to 16-bit 4/2:2 Not supported
SDI loop out SDI Play out RJ45 / GigE Optional Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview Optional Via Atomos Connect module	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI SSDI SSDI SSDI SSDI SSDI SSDI S	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / Clog3, Arri Log CE1160 / LogCE1250 / LogCE1250 / LogCE1230 / LogCE1160 / LogCE1250 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1250 / LogCE1600 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogCE1120 / LogCE160 / LogCE1600 / LogCE1100 / LogGE1120 / LogGE160 / LogCE1600 / JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm Flog, PQ (HDR10), HLG, Nikon N-Log Bi2020, DC1 P3, PDC1 p3 65 Sony SGamut / SGamut3 / SGamut3.cine / Canon Cinema / JCI P3 / DCI P3+ / BT2020 Panasonic V Gamut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut Lop out Yes Native / HLG / PQ / 3D LUT Log / HDR to HLG / PQ / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module Optional Via Atomos Connect module 8/10-bit video / RAW up to 16-bit 4/2:2 Not supported
SDI Play out RJ45 / GigE Optional Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview Optional Via Atomos Connect module	Color Gamut Calibration support Color Pipeline Gamma Gamma 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata HDMI SDI SDI RAW HDCP copy protection Metadata HDMI SDI SDI RAW HDCP copy protection Metadata HDMI SDI SDI External input Closed captioning Video Output	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony Stog / Stog2 / Stog3. Canon Clog / Ctog2 / Ctog3. Arri Log CEH160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI000 / LogCEI1200 / LogCEI1200 / LogCEI320 / LogCEI1000 / LogCEI120 / LogCEI100. Panasonic Vlog. IVC .Log1, Red LogFilm / LogOCI100, Panasonic Vlog. IVC .Log1, Red LogFilm / LogOCI1100, Panasonic Vlog. IVC .Log1, Red LogFilm / LogOCI1100, Panasonic Vlog. Sony SGamut / SGamut3 / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Samut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / Red DragonColor / RedWideGamut Lopp Dut Yes Native / HLG / PQ / 3D LUT Lop JUD LOP / Log / PO / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module 0/10-bit video / RAW up to 16-bit 4.2.2 Not supported RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut
RJ45 / GigE Optional Via Atomos Connect module Wi-Fi 6 Optional Via Atomos Connect module Multiview Image: Connect module multiview	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3DLUT Stream 3DLUT Stream 3DLUT Stream 3DLUT Stream 3DLUT Stream 4DMI HDMI HDMI HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata HDMI SDI External input Closed captioning Video Output HDMI	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony Stog / Stog2 / Stog3. Canon Clog / Ctog2 / Ctog3. Arri Log CEH160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI000 / LogCEI1200 / LogCEI1200 / LogCEI320 / LogCEI1000 / LogCEI120 / LogCEI100. Panasonic Vlog. IVC .Log1, Red LogFilm / LogOCI100, Panasonic Vlog. IVC .Log1, Red LogFilm / LogOCI1100, Panasonic Vlog. IVC .Log1, Red LogFilm / LogOCI1100, Panasonic Vlog. Sony SGamut / SGamut3 / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Samut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / Red DragonColor / RedWideGamut Lopp Dut Yes Native / HLG / PQ / 3D LUT Lop JUD LOP / Log / PO / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module 0/10-bit video / RAW up to 16-bit 4.2.2 Not supported RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut
Wi-Fi 6 Optional Via Atomos Connect module Multiview Optional Via Atomos Connect module	Color Gamut Calibration support Color Pipeline Gamma Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT Down Stream 3D LUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata HDMI SDI External input Closed captioning Video Output HDMI SDI loop out	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony Stog / Stog2 / Stog3. Canon Clog / Ctog2 / Ctog3. Arri Log CEH160 / LogCEI200 / LogCEI250 / LogCEI320 / LogCEI000 / LogCEI1200 / LogCEI1200 / LogCEI320 / LogCEI1000 / LogCEI120 / LogCEI100. Panasonic Vlog. IVC .Log1, Red LogFilm / LogOCI100, Panasonic Vlog. IVC .Log1, Red LogFilm / LogOCI1100, Panasonic Vlog. IVC .Log1, Red LogFilm / LogOCI1100, Panasonic Vlog. Sony SGamut / SGamut3 / SGamut3 / SGamut3.cine / Canon Cinema / DCI P3 / DCI P3 + / BT2020 Panasonic V Samut Arri Alexa Wide Gamut Rec709 JVC LS300 Red DragonColor / DragonColor2 / RedColor2 / Red DragonColor / RedWideGamut Lopp Dut Yes Native / HLG / PQ / 3D LUT Lop JUD LOP / Log / PO / Dolby Vision 1 x HDMI (2.0) 4Kp60 Apples ProRes RAW up to 6K with compatible cameras Optional Via Atomos Connect module 0/10-bit video / RAW up to 16-bit 4.2.2 Not supported RAW - white balance, exposure index, shutter speed/angle, Iris F stop, ISO, gamma, gamut
Multiview South Control of the Contr	Color Gamut Calibration support Color Pipeline Gamma Gamut 3D LU+A76T Display 3D LUT Down Stream 3D LUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata HDMI HDMI HDMI SDI SDI SDI Carrent SDI	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony SLog / SLog 2 / SLog 3. Canon CLog / CLog 2 / Clog 3. Arr Log CE1800 / Log CE1800 / Log CE1800 / Log CE1800 / Clog CE18
	Color Gamut Calibration support Color Pipeline Gamma Gamma 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata HDMI SDI SDI SDI SDI SDI SDI SDI SDI SDI SD	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony St.og / St.og / St.og 3, Canon Ct.og / Ct.og 2 / Ciog 3, Arri Log CEHRO / Log CEHZO / Log CEHZ
O overlays	Color Gamut Calibration support Color Pipeline Gamma 3D LU+A76T Display 3D LUT Down Stream 3DLUT 50/50 Monitoring Modes HDR output Conversion Video Input HDMI HDMI RAW SDI SDI RAW RJ45 / Network Wi-Fi USB Bit Depth Video Chroma Subsampling HDCP copy protection Metadata HDMI SDI SDI SDI SDI SDI SDI SDI SDI SDI SD	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony St.og / St.og / St.og 3, Canon Ct.og / Ct.og 2 / Ciog 3, Arri Log CEHRO / Log CEHZO / Log CEHZ
	Color Gamut Calibration support Color Pipeline Gamma Gamma Gamut Gamu	Atomos Calibrator with Calibrite ColorChecker Display Pro & ColorChecker Display Plus Sony St.og / St.og / St.og 3, Canon Ct.og / Ct.og 2 / Ciog 3, Arri Log CEHRO / Log CEHZO / Log CEHZ

Video Chroma Subsampling	4:22
Bit Depth	10-bit video
Pattern Generator	
Web Streaming	
USB UVC	Optional Via Atomos Nexus 4K or AtomX Cast
RJ45 / GigE RTMP / S	Optional Via Atomos Connect module Optional Via Atomos Connect module
RTSP	Optional via Atomos Connect module
SRT	
Video Signal Conversion	
HDMI to SDI	Optional Via Atomos Connect module
SDI to HDMI	Optional Via Atomos Connect module
Audio In/Out	
Audio Quality	24/48kHz
Audio Codec	РСМ
HDMI	8ch 24-bit, input dependent
SDI	12ch 24-bit, input dependent
Analogue Audio in	3.5mm 2ch.
Analogue Audio Out	
Speakers	O Court Oats
Headphone out	3.5mm 2ch. User definable from menu
Audio input delay Timecode / Sync / Control	Oser deliriable from menu
Embedded	HDMI and SDI
Time of day	Yes, Time and Date
Reference input	
LTC	Optional Via Atomos Connect module
Genlock	Optional Via Atomos Connect module
Wireless AirGlu RF Server and Client	Optional Via Atomos Connect module
Wireless AirGlu BT Server	Optional Via Atomos Connect module
Resolution & Frame Rates (Record, Monitor & Playback)	
Supported base resolution & FPS	
8K	
6K	RAW Only up to 30p via HDMI
5K	
4K DCI	23.98/24/25/29.9/30/50/59.94/60p
4K UHD	23.98/24/25/29.9/30/50/59.94/60p
2K DCI 2046 x 1080	Optional via AtomX SDI module
Anamorphic	3.5k: RAW up to 60p (from supported cameras only)
FHD 1920 x 1080 Progressive FHD 1920 x 1080 PsF	23.98/24/25/29.9/30/50/59.94/60/100/120p
FHD 1920 X 1080 PSF FHD 1920 X 1080 Interlaced	converted to P and looped out PsF 23.98/24/25/29.9/30/50/59.94/60i
1280 x 720p	50/59.94/60p
SD PAL / NTSC	30/33.34/00p
Recording CODEC	
CDNG	
Apple ProRes Raw	ProRes RAW, HQ
Apple ProRes	LT, 422, 422HQ
Avid DNxHD	DNxHD 220x,220,145,36
Avid DNxHR	LB, SQ, HQ, HQX.
H.265	LQ,MQ,HQ,XQ in 8/10Bit, 4 2 2 and 4 2 0
H.264	
Playback	
Playlist	Yes, Create customer play lists from full or sub clips
Loop	Yes, with user customisable in / out markers
CDNG Apple ProRes Raw	Yes, recorded clips
	Yes, with Linear PCM audio
IAnnia DraBas	
Apple ProRes	
Avid DNx	Yes, with Linear PCM audio
Avid DNx H.265	
Avid DNx H.265 H.264	Yes, with Linear PCM audio
Avid DNx H.265	Yes, with Linear PCM audio
Avid DNx H.265 H.264 Recording functions	Yes, with Linear PCM audio Yes
Avid DNx H.265 H.264 Recording functions Pre-roll record	Yes, with Linear PCM audio Yes Yes Yes (HD 8s, 4K 2s) - Not available in RAW
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse	Yes, with Linear PCM audio Yes
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record	Yes, with Linear PCM audio Yes Yes Yes (HD 8s, 4K 2s) - Not available in RAW
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes
Avid DNx H.265 H.264 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input	Yes (with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Yes
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDMI input	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input	Yes (with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Yes
Avid DNx H.265 H.264 H.264 H.267 H.268 Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDM input Multiview Display	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiview Display Multiview Ouput	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast
Avid DNx H.265 H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple HDMI input Multiple HDMI input Multiview Display Multiview Display Multiview Ouput Picture in Picture (PIP)	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast
Avid DNx H.265 H.264 H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiview Display Multiview Oisplay Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP)	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast
Avid DNx H.265 H.264 H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple SDI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays	Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast
Avid DNx H.265 H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDMI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input Resolution Processing	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast
Avid DNx H.265 H.266 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDMI input Multiview Display Multiview Oipplay Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input Resolution Processing Input Image processing	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast
Avid DNx H.265 H.265 H.266 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple BDI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Resolution Processing Input Image processing Keyer	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast
Avid DNx H.265 H.265 H.266 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple SDI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media	Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Optional via AtomX Cast
Avid DNx H.265 H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDMI input Multivew Display Multivew Display Multivew Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media Master Caddy I	Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast
Avid DNx H.265 H.265 H.266 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDMI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media Master Caddy II Master Caddy II	Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDMI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media Master Caddy II Master Caddy III Master Caddy III	Yes, with Linear PCM audio Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast For 2.5-inch hard drives in MasterCaddy II For 2.5-inch hard drives in MasterCaddy III (needed for Atomos Connect)
Avid DNx H.265 H.264 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media Master Caddy II Master Caddy III	Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Not compatible For 2.5-inch hard drives in MasterCaddy II (needed for Atomos Connect) Native size and fit
Avid DNx H.265 H.264 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDMI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input Image processing Input Image processing Keyer Supported media Master Caddy II Master Caddy III Master Caddy III SSDmini CFAST II	Yes, with Linear PCM audio Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDMI input Multiview Display Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media Master Caddy II Master Caddy III Master Caddy III SSDmini CFAST II SD	Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiview Display Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media Master Caddy II Master Caddy II Master Caddy III SSD USB	Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast
Avid DNx H.265 H.264 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple HDMI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media Master Caddy II Master Caddy III SSDmini CFAST II SD USB Network	Yes (HD 8s, 4K 2s) - Not available in RAW Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast
Avid DNx H.265 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiview Display Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media Master Caddy II Master Caddy II Master Caddy III SSD USB	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast In the compatible For 2.5-inch hard drives in MasterCaddy II For 2.5-inch hard drives in MasterCaddy III (needed for Atomos Connect) Not compatible For 2.5-inch hard drives in MasterCaddy III (needed for Atomos Connect) Not supported cards via optional SSDmini CFAST II Adaptor
Avid DNx H.265 H.264 H.264 Recording functions Pre-roll record ISO Record Switched Program Record Timelapse RAW to Video Record Simultaneous proxy record 4K to HD Multi Input / Switching SDI A/B toggle Dual Input display Multiple SDI input Multiple BDI input Multiview Display Multiview Ouput Picture in Picture (PIP) Picture and Picture (PAP) Graphic overlays Media pool storage Input transitions Input Resolution Processing Input Image processing Keyer Supported media Master Caddy II Master Caddy II Master Caddy III SSD USB Network File Naming	Yes, with Linear PCM audio Yes Yes (HD 8s, 4K 2s) - Not available in RAW Yes Yes Yes Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Optional via AtomX Cast Unit name - Scene/Shot/Take

MultiScope Analysis View	
Waveform	Yes, 3 size / Position
Histogram	
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
4 x Zoom	
Focus peaking	Colour selected / threshold setting / colour
	/ Mono / edges only
Atomos False color	Yes, with Scale
ARRI False color	Yes
EL Zone	Yes
Zebra	Yes, Adjustable
Isolate color channel	Blue Only
Cine Frame Guides	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
Onion Skin	Yes
Safe areas	Action and Graphic
Grid markers	9 grid
Anamorphic desqueeze	1.25x, 1.33x, 1.5x, 1.6x, 1.65x, 1.79x, 1.8x, 2x
Display Flip	Vertical Only
Onboard Signal Processing	04/25/2005F > 24/25/200 (0.2 pulldoug)
Pulldown removal	24/25/30pSF > 24/25/30p (2:2 pulldown) 60i > 24p (3:2 pulldown)
AKTIND Assessed for UD	
4K UHD downscale for HD	Loop out - 4K UHD to FHD Loop out - 17:9 to 16:9 Crop
DCI Crop	Loop out - 17.9 to 16.9 Clop
Remote Control HDMI	Auto HDMI Trigger, Supported Protocols - Canon, Sony,
NDIVII	Atomos Open Standard
SDI	SDI trigger camera selectable with Atomos Connect
Serial 2.5mm Jack	JAD ingger calineral selectance with Atomios Connect LANC control and calibration via
Senai 2.5mm Jack	Lance control and calibration via optional USB to serial cable
AirGlu BT	Optional Via Atomos Connect module
AirGlu RF	Optional Via Atomos Connect module
USB	optional via Atomos connect module
RJ45	
RS422	
External Device Control	
Serial 2.5mm Jack	Camera control for supported cameras via Optional USB to Serial Cable
Bluetooth LE	Optional Via Atomos Connect module
Wireless RF	Optional Via Atomos Connect module
USB	
RJ45	
Supported Applications	
XML	Cut tag EDL in FCPX XML
Apple ProRes Raw	Apple FCPX, 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
What's in the box	
Accessories included	Ninja, 1 x battery eliminator, 1 x USB C PD to 2.1mm DC power lead and QuickStart Guide
Software included	
Optional extras	Accessory Kit 5-inch Vers II, Sunhood, DC to DTap, Power kit, HDMI cables, USB to serial cable.
l'	
Compatible with	
List product	
Warranty	
Standard	1 year. Extended to 2 years on product registration. Atomos Care360 available as subscription
Target use / User	
Mirrorless cameras	Yes
Compact Cinema	Yes
Cinema	Yes
	Yes
Director monitor	163
	Yes
Director monitor	
Director monitor Games Capture	Yes
Director monitor Games Capture Streaming	Yes Yes
Director monitor Games Capture Streaming Mixer / switcher / ProAV	Yes Yes
Director monitor Games Capture Streaming Mixer / switcher / ProAV Rack / OB	Yes Yes
Director monitor Games Capture Streaming Mixer / switcher / ProAV Rack / OB DIT / Video Village	Yes Yes Yes Yes
Director monitor Games Capture Streaming Mixer / switcher / ProAV Rack / OB DIT / Video Village Pro Video	Yes Yes Yes Yes Yes Yes
Director monitor Games Capture Streaming Mixer / switcher / ProAV Rack / OB DIT / Video Village Pro Video Gimbal / Crane	Yes Yes Yes Yes Yes Yes
Director monitor Games Capture Streaming Mixer / switcher / ProAV Rack / OB DIT / Video Village Pro Video Gimbal / Crane Editor / Colourist	Yes Yes Yes Yes Yes Yes Yes