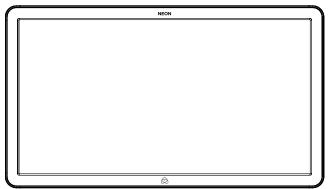
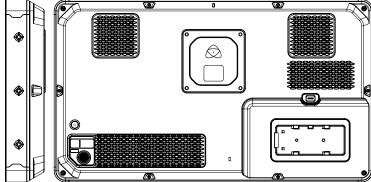


# **NEON** 24

# Atomos NEON 24" 4K HDR Production Monitor





## **Key Features**

- 24" 17:9 4k DCI Display with DCI P3 wide gamut coverage and 1,000,000:1 Dynamic contrast ratio
- 1000nits HDR with Dynamic Full Array Local Dimming to achieve full panel uniformity and deep blacks
- AtomHDR Display color pipeline management for LOG to PQ (HDR10), HLG with 3DLut for SDR workflows
- Support up to 4k60p via HDMI 2.0 or 12G SDI with 10-bit signal Loop outs
- Anti-glare screen coating, with a wide viewing angle
- HD and 4k image processing allow for HD images to be upscaled to 4k and images out put with DCI Crop or Down convert to HD
- AtomRemote OS provides control of all NEON function from iOS or via Bluetooth (iOS Device REQUIRED for operation of NEON)
- Factory calibrated with option for simple Automated Calibration with support for Xrite i1Display Pro Plus

### Providing certainty of image

NEON 24 is a precision on-set and in-studio 4K HDR production monitor-recorder featuring 1000nits fullscreen HDR peak brightness, deep black and wide color gamut accuracy.

#### Record

Connect cameras or any video source via SDI supporting up to 4K DCI 60p via 12G or Dual 6G or lower resolutions and frame rates via 1.5/3G SDI with up to 12 channels of embedded audio. HDMI 2.0 provides support for 4K up to 60p and HD up to 120p. Recordings are captured to industry standard Apple ProRes of Avid DNx Codec with rich metadata in the file header to be utilized by your NLE or MAM system to asset orchestration.

#### Flexible and Upgradeable I/O

The NEON series adopts a modular approach that ensures the I/O of the monitor is easy to maintain, replace and ultimately upgrade without having to decommission the panel. The Master Control Unit (MCU) is the brain of the NEON, with built in HDMI 2.0 and audio mini jack I/O. The MCU's AtomX Expansion Port allows for upgrade to the connections, including the AtomX SDI Module which provides 2 x 12G SDI that can be used for dual link or separate inputs or outputs.

#### AtomOS enhanced playback

NEON includes essential monitoring tools from slow motion playback, frame-by-frame analysis and preview tools including full scopes, zebra, false color, focus peaking, exposure and LUTs.

#### **Monitor**

Selectable monitor modes allow you work in either SDR or HDR with settings that match both camera acquisition settings or defined delivery standards including Rec.709, Rec.2100 HLG or ST.2084 PQ. NEON provides reliable color reproduction with DCI-P3 coverage, wide color gamuts such as BT.2020 can be processed accurately.

#### Frame Guides, Safe Areas & more

A variety of broadcast frame guides are available with the option for Graphic and Action safe areas. Cinematic guides are also available, with additional anamorphic de-squeeze mode with support for 2x, 1.5x and 1.33x to allow you to match a wide variety of lenses.

#### App control for simple operation

Connect your NEON over Bluetooth to the Atomos remote app. Note: Apple iOS Device **REQUIRED** for operation of NEON.

#### Price

US\$6499 ex. tax | €5999 ex. tax

# **NEON 24 - Technical specifications**

	ations	
Physical Specifications  Weight (monitor only)		8.6kg / 18.95lb
Dimensions (Control Unit)		594 x 339.7 x 72.5mm
Mount Points		Full ARRI compatible, 3 Left, 3 Right, 7 Top, 7 Bottom.
		Rear 100 x 100 VESA Mount.
Feet		2 x Feet with 1/4" 20 with anti rotation pins
Security leash point		Kensington lock on rear and lock down point on feet
Construction		
Body		Aluminium alloy chassis with
		ABS Polycarbonate back plate
Cooling		Active
Tally light		Rear
Function Button		Power button to lock screen and pair remote control devices
Power		
Operating Power		19v260Watts
DC in		Multi pin input on rear
Display		
Touchscreen		No
Size		24"
Resolution		4k DCI 4096 x 2160 - 17:9
Viewing Angle		180 degrees Horizontal & Vertical (+/- 10%)
PPI		192
Bit Depth		True 10-bit
Backlight		Dynamic Full Array Local Dimming (FALD) 512 Zones
Brightness		1000nits Full Screen brightness * (+/- 10%)
Black Level		Onits
LED		Wide Color Calibrated D65
Contrast Ratio		Dynamic 1,000,000 : 1
Aspect Ratio		17:9
Color Gamut		DCI P3
Technology		lv s
AtomHDR Technolog	9y 	Yes, Dynamic
3D LUT Support		Display only
HDR Monitoring Tecl		HLG, PQ, Camera LOG
HDR Output Convers		Log/HDR to HLG/ PQ SLog3 Capon CLog / CLog3 / Clog3
Gamma	Sony SLog / SLog2 / ARRI Log CEI160 / LogCEI500 / LogCEI LogCEI1280 / LogCE	Log/HDK to HLG/PG  SLog3, Canon CLog / CLog2 / Clog3  sycCl200 / LogCEI250 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI1000 / 1600, Panasonic Vlog, JVC JLog1, / Log3G12, LogFilm, FujiFilm F-log, Nikon N-Log
	Sony SLog / SLog2 / ARRI Log CEII60 / LogCEI LogCEIS00 / LogCEI LogCEI280 / LogCE RED Log3G10 / RED PQ (HDR10), HLG Sony SGamut / SGam Panasonic V Gamut, A Bt2020, DCI P3, DCI p	I. Slog3, Canon Clog / Clog2 / Clog3 sgCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 6640 / LogCEI800 / LogCEI1000 / 1600, Panasonic Vlog, JVC JLog1, / Log3GI2,
Gamma	Sony SLog / SLog2 / ARRI Log CEII60 / LogCEI LogCEIS00 / LogCEI LogCEI280 / LogCE RED Log3G10 / RED PQ (HDR10), HLG Sony SGamut / SGam Panasonic V Gamut, A Bt2020, DCI P3, DCI p	SLog3, Canon CLog / CLog2 / Clog3 pgCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI800 / JogCEI400 / IGO0, Panasonic Vlog, JVC JLog1, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log  aut3 / SGamut3cine, Canon Cinema / DCI P3 / DCI P3+, Arri Alexa Wide Gamut, Rec709 33 65, JVC LS300, Red DragonColor / DragonColor /
Gamma	Sony SLog / SLog2 / ARRI Log CEI160 / Lo LogCEI1500 / LogCEI LogCEI128 / LogCEI RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 pgCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI800 / JogCEI400 / IGO0, Panasonic Vlog, JVC JLog1, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log  aut3 / SGamut3cine, Canon Cinema / DCI P3 / DCI P3+, Arri Alexa Wide Gamut, Rec709 33 65, JVC LS300, Red DragonColor / DragonColor /
Gamma Gamut  Module System	Sony SLog / SLog2 / ARRI Log CEI160 / Lo LogCEI1500 / LogCEI LogCEI128 / LogCEI RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 bgCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI800 / JogCEI400 / 1600, Panasonic Vlog, JVC JLog1, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log  but3 / SGamut3.cine, Canon Cinema / DCI P3 / DCI P3+, tri Alexa Wide Gamut, Rec709 bi3 65, JVC LS300, Red DragonColor / DragonColor2 / r3 / RedColor4 / RedWideGamut
Gamma Gamut  Module System  Master Control Unit	Sony SLog / SLog2 / ARRI Log CEI160 / Lo LogCEI1500 / LogCEI LogCEI128 / LogCEI RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 bgCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI1000 / IGO0, Panasonic Vlog, JVC JLog1, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log  sut3 / SGamut3.cine, Canon Cinema / DCI P3 / DCI P3+, tri Alexa Wide Gamut, Rec709 35 65, JVC LS300, Red DragonColor / DragonColor2 / r3 / RedColor4 / RedWideGamut  Yes
Gamut  Module System  Master Control Unit .  AtomXpansion Slot	Sony SLog / SLog2 / ARRI Log CEI160 / Lo LogCEI1500 / LogCEI LogCEI128 / LogCEI RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 bgCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI1000 / IGO0, Panasonic Vlog, JVC JLog1, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log  sut3 / SGamut3.cine, Canon Cinema / DCI P3 / DCI P3+, tri Alexa Wide Gamut, Rec709 35 65, JVC LS300, Red DragonColor / DragonColor2 / r3 / RedColor4 / RedWideGamut  Yes
Gamut  Module System  Master Control Unit  AtomXpansion Slot  Video Input	Sony SLog / SLog2 / ARRI Log CEI160 / Lo LogCEI1500 / LogCEI LogCEI128 / LogCEI RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 spCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI1000 / 1600, Panasonic Vlog, JVC JLog1, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log sut3 / SGamut3.cine, Canon Cinema / DCI P3 / DCI P3+, Arri Alexa Wide Gamut, Rec709 33 65, JVC LS300, Red DragonColor / DragonColor2 / r3 / RedColor4 / RedWideGamut  Yes  Yes, Support for SDI and future modules
Gamma  Gamut  Module System  Master Control Unit of AtomXpansion Slot  Video Input  HDMI	Sony SLog / SLog2 / ARRI Log CEII60 / Lo LogCEI500 / LogCEI LogCEI280 / LogCE RED Log3G10 / RED PQ (HDRI0), HLG Sony SGamut / SGam Panasonic V Gamut, A Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 spCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 660 / LogCEI800 / LogCEI250 LogCEI320 / LogCEI400 / 6600, Panasonic Vlog, JVC JLog1 / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log sut3 / SGamut3.cine, Canon Cinema / DCI P3 / DCI P3+, Arri Alexa Wide Gamut, Rec709 s3 65, JVC LS300, Red DragonColor / DragonColor2 / r3 / RedColor4 / RedWideGamut  Yes Yes, Support for SDI and future modules
Gamma  Gamut  Module System  Master Control Unit .  AtomXpansion Slot  Video Input  HDMI  SDI  Signal (camera deperies)  Video Preview Monit	Sony SLog / SLog2 / ARRI Log CEII60 / Lo LogCEI500 / LogCEI LogCEI1280 / LogCE RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 spcEl200 / LogCEl250 LogCEl320 / LogCEl400 / 640 / LogCEl800 / LogCEl000 / IGOO, Panasonic Vlog. JVC JLog1, / Log3Gl2, LogFilm, FujiFilm F-log, Nikon N-Log  nut3 / SGamut3.cine, Canon Cinema / DCl P3 / DCl P3+, vri Alexa Wide Gamut, Rec709 33 65, JVC LS300, Red DragonColor / DragonColor2 / r3 / RedColor4 / RedWideGamut  Yes  Yes, Support for SDI and future modules  1 x HDMI (2.0) 4k p60 2 x 12G SDI via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422  For accurate full 10bit baseband video monitoring a 3rd
Gamma  Gamut  Module System  Master Control Unit .  AtomXpansion Slot  Video Input  HDMI  SDI  Signal (camera depe  Video Preview Monit  Video Output	Sony SLog / SLog2 / ARRI Log CEII60 / Lo LogCEI500 / LogCEI LogCEI1280 / LogCE RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 spCEI200 / LogCEI800 / LogCEI300 / LogCEI400 / 640 / LogCEI800 / LogCEI000 / 1600, Panasonic Vlog, JVC JLogI, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log  sut3 / SGamut3.cine, Canon Cinema / DCI P3 / DCI P3+, trii Alexa Wide Gamut, Rec709 33 65, JVC JS300, Red DragoncOlor / DragonColor2 / r3 / RedColor4 / RedWideGamut  Yes  Yes, Support for SDI and future modules  1 x HDMI (2.0) 4k p60  2 x 12G SDI via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422  For accurate full 10bit baseband video monitoring a 3rd party PCIe or Thunderbolt video I/O device with HDMI or SDI is required
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Gamma  Gamut  Module System  Master Control Unit of AtomXpansion Slot  Video Input  HDMI  SDI  Signal (camera depe  Video Output  HDMI  SDI  SIDI  Signal (Amera depe  Signal (Amera depe  Audio Output  Audio In/Out  Audio Quality	Sony SLog / SLog2 / ARRI Log CEII60 / Lo LogCEI500 / LogCEI LogCEI1280 / LogCE RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 spCEI200 / LogCEI800 / LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI000 / 1600, Panasonic Vlog, JVC JLog1, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log sut3 / SGamut3.cine, Canon Cinema / DCI P3 / DCI P3+, trii Alexa Wide Gamut, Rec709 35 65, JVC L3300, Red DragonColor / DragonColor2 / r3 / RedColor4 / RedWideGamut  Yes  Yes, Support for SDI and future modules  1 x HDMI (2.0) 4k p60  2 x 12G SDI via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422  For accurate full 10bit baseband video monitoring a 3rd party PCle or Thunderbolt video I/O device with HDMI or SDI is required  1 x HDMI (2.0) 4k p60  1 x 12G SDI on Loop out from SDI, 2 x 12G SDI on playback via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422  (playback file dependent)
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Gamma  Gamut  Module System  Master Control Unit of AtomXpansion Slot  Video Input  HDMI  SDI  Signal (camera depe  Video Output  HDMI  SDI  Signal  Audio In/Out  Audio Quality  Audio Codec  HDMI	Sony SLog / SLog2 / ARRI Log CEII60 / Lo LogCEI500 / LogCEI LogCEI1280 / LogCE RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 sgCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI350 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI800 / LogCEI400 / 640 / LogCEI800 / LogCEI800 / LogCEI400 / 640 / LogCEI800 / LogCEI800 / LogCEI400 / 650 / RogCEI800 / LogCEI800 / LogSGI2, LogFilm, FujiFilm F-log, Nikon N-Log  ut3 / SGamut3 cine, Canon Cinema / DCI P3 / DCI P3+, viri Alexa Wide Gamut, Rec709 32 65, JVC LS300, Red DragonColor / DragonColor2 / viri Alexa Wide Gamut RogCO 3 65, JVC LS300, Red DragonColor / DragonColor2 / viri Alexa Wide Gamut  Yes  Yes  Yes, Support for SDI and future modules  1 x HDMI (2.0) 4k p60  2 x 126 SDI via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422  For accurate full 10bit baseband video monitoring a 3rd party PCle or Thunderbolt video I/O device with HDMI or SDI is required  1 x HDMI (2.0) 4k p60  1 x 12G SDI on Loop out from SDI, 2 x 12G SDI on playback via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422 (playback file dependent)  24/48kHz  Linear PCM  8ch 24-bit, input dependent
Gamma  Gamut  Module System  Master Control Unit at AtomXpansion Slot  Video Input  HDMI  SDI  Signal (camera depe  Video Output  HDMI  SDI  Signal  Audio In/Out  Audio Quality  Audio Codec  HDMI  SDI	Sony SLog / SLog2 / ARRI Log CEII60 / Lo LogCEI500 / LogCEI LogCEI1280 / LogCE RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 sgCEI200 / LogCEI250 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI000 / 1600, Panasonic Vlog, JVC JLog1, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log  sut3 / SGamut3 cine, Canon Cinema / DCI P3 / DCI P3+, vrii Alexa Wide Gamut, Rec709 3 65, JVC LS300, Red DragonColor / DragonColor2 / r3 / RedColor4 / RedWideGamut  Yes  Yes, Support for SDI and future modules  1 x HDMI (2.0) 4k p60 2 x 12G SDI via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422  For accurate full 10bit baseband video monitoring a 3rd party PCle or Thunderbolt video I/O device with HDMI or SDI is required  1 x HDMI (2.0) 4k p60  1 x 12G SDI on Loop out from SDI, 2 x 12G SDI on playback via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422  (playback file dependent)  24/48kHz  Linear PCM  8ch 24-bit, input dependent
Gamma  Gamut  Module System  Master Control Unit a  AtomXpansion Slot  Video Input  HDMI  SDI  Signal (camera depe  Video Preview Monit  Video Output  HDMI  SDI  Signal  Audio In/Out  Audio Quality  Audio Codec  HDMI  SDI  Analogue Audio in	Sony SLog / SLog2 / ARRI Log CEII60 / Lo LogCEI500 / LogCEI LogCEI1280 / LogCE RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 sgCEI200 / LogCEI350 LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI000 / 1600, Panasonic Vlog, JVC JLog1, / Log3GI2, LogFilm, FujiFilm F-log, Nikon N-Log  sut3 / SGamut3 cine, Canon Cinema / DCI P3 / DCI P3+, vrii Alexa Wide Gamut, Rec709 32 65, JVC LS300, Red DragonColor / DragonColor2 / vr3 / RedColor4 / RedWideGamut  Yes  Yes, Support for SDI and future modules  1 x HDMI (2.0) 4k p60 2 x 12G SDI via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422  For accurate full 10bit baseband video monitoring a 3rd party PCle or Thunderbolt video I/O device with HDMI or SDI is required  1 x HDMI (2.0) 4k p60  1 x 12G SDI on Loop out from SDI, 2 x 12G SDI on playback via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422 (playback file dependent)  24/48kHz  Linear PCM  8ch 24-bit, input dependent  12ch 24-bit, input dependent  3.5mm 2ch.
Gamma  Gamut  Module System  Master Control Unit at AtomXpansion Slot  Video Input  HDMI  SDI  Signal (camera depe  Video Output  HDMI  SDI  Signal  Audio In/Out  Audio Quality  Audio Codec  HDMI  SDI	Sony SLog / SLog2 / ARRI Log CEII60 / Lo LogCEI500 / LogCEI LogCEI1280 / LogCE RED Log3G10 / RED PQ (HDRIO), HLG Sony SGamut / SGam Panasonic V Gamut, / Bt2020, DCI P3, DCI p RedColor2 / RedColo	SLog3, Canon CLog / CLog2 / Clog3 sgCEI200 / LogCEI800 / LogCEI320 / LogCEI400 / 640 / LogCEI800 / LogCEI800 / LogSGI2, LogFilm, FujiFilm F-log, Nikon N-Log  ut3 / SGamut3 cine, Canon Cinema / DCI P3 / DCI P3+, vrii Alexa Wide Gamut, Rec709 32 65, JVC LS300, Red DragonColor / DragonColor2 / vri Alexa Wide Gamut Rec709 36 65, JVC LS300, Red DragonColor / DragonColor2 / vri Alexa Wide Gamut  Yes  Yes  Yes, Support for SDI and future modules  1 x HDMI (2.0) 4k p60  2 x 12G SDI via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422  For accurate full 10bit baseband video monitoring a 3rd party PCle or Thunderbolt video I/O device with HDMI or SDI is required  1 x HDMI (2.0) 4k p60  1 x 12G SDI on Loop out from SDI, 2 x 12G SDI on playback via included AtomX SDI module  Uncompressed true 10-bit or 8-bit 422 (playback file dependent)  24/48kHz  Linear PCM  8ch 24-bit, input dependent

<b>Supported Codecs &amp; Frame Rates</b>	(Record & Playback)
Supported resolution & FPS	4k DCI: 23.98/24/25/29.9/30/50/59.94/60p
Supported resolution a 113	4k UHD: 23.98/24/25/29.9/30/50/59.94/60p
	2k DCI: 23.98/24/25/29.9/30/50/59.94/60p via SDI only
	1080p: 23.98/24/25/29.9/30/50/59.94/60/100/120p 1080i: - 50/59.94i
	720p: 50/59.94/60p
CDNG	-
ProRes Raw	-
Apple ProRes	LT, 422, HQ
Avid DNx	DNxHR HQX. HQ, SQ, LB, DNxHD 220x, 220, 145, 36
Playback	
Loop	Yes - full video file only
Apple ProRes	Yes - Recorded on Device or Exported from NLE
Apple Flores	(in .MOV with inear PCM audio)
Avid DNx	Yes - Recorded on Device or Exported from NLE
	(in .MOV with inear PCM audio)
Recording functions & Media	
Pre-roll record	Yes (HD 8s, 4K 2s)
Supported media	2.5" SSD/HDD compatibility depends on recording
	format, resolution and frame rate. Visit atomos.com/ drives for list of tested and approved drives
Media support	Master Caddy II / SSDmini
File Naming	Scene / Shot / Take , RED / Arri Via SDI
Supported Editing applications	All application supporting Apple ProRes / Avid DNx
On Screen Tools	/ an application supporting / ppic 116/tes / / that Bits
Waveform	Yes
RGB Parade	Yes
Vector Scope	Yes
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1 x Zoom	
2 x Zoom	Yes
Focus Peaking	Color selected / color / Mono / edges only
False Color	Yes
Zebra	Yes
Isolate Color Channel	Blue Only
Cine Frame Guides	2.4:1, 2.35:1, 1.9:1, 1.85:1, 4:3
Safe areas	Yes
Anamorphic Desqueeze	1.33x , 1.5x ,2x
Timecode	
HDMI	Yes
SDI	Yes
Time Of Day	Yes
Wireless RF	Future FW Release
Onboard Processing	
Pulldown removal	24/25/30pSF > 24/25/30p (2:2 pulldown)
	60i > 24p (3:2 pulldown)
Deinterlace mode	Yes
HD to 4k input to display	Yes
4K UHD downscale for HD on output	Yes
DCI crop on output	Yes
Remote control	<u></u>
HDMI	Auto HDMI Trigger, Supported Protocols - Canon, Sony,
	Atomos Open Standard
	SDI trigger camera selectable
SDI	
	LANC control - Calibration on MCU
LANC 2.5mm jack	REQUIRES Apple iOS device running version 12
LANC 2.5mm jack LE Bluetooth	
LANC 2.5mm jack  LE Bluetooth  What's in the box	REQUIRES Apple iOS device running version 12 and above
LANC 2.5mm jack LE Bluetooth	REQUIRES Apple iOS device running version 12 and above  NEON 24 Monitor, NEON Master Control Unit, 2 x Feet
LANC 2.5mm jack  LE Bluetooth  What's in the box	REQUIRES Apple iOS device running version 12 and above  NEON 24 Monitor, NEON Master Control Unit, 2 x Feet (inc. mount screws x 2), NEON Quick Start Guide,
LANC 2.5mm jack LE Bluetooth What's in the box	REQUIRES Apple iOS device running version 12 and above  NEON 24 Monitor, NEON Master Control Unit, 2 x Feet (inc. mount screws x 2), NEON Quick Start Guide,
SDI LANC 2.5mm jack LE Bluetooth What's in the box Accessories included	REQUIRES Apple iOS device running version 12 and above  NEON 24 Monitor, NEON Master Control Unit, 2 x Feet (inc. mount screws x 2), NEON Quick Start Guide, 1 x Master Caddy II (inc. screws), 19V ACP Ower Adapter with mount cage, AtomX SDI Expansion Module, Monitor Protective Sheath, MCU Protective Sheath,
LANC 2.5mm jack  LE Bluetooth  What's in the box  Accessories included	REQUIRES Apple iOS device running version 12 and above  NEON 24 Monitor, NEON Master Control Unit, 2 x Feet (inc. mount screws x 2), NEON Quick Start Guide, 1 x Master Caddy II (inc. screws), 19V AC Power Adapter with mount cage, AtomX SDI Expansion Module, Monitor Protective Sheath, MCU Protective Sheath, Hex Wrench.
LANC 2.5mm jack LE Bluetooth What's in the box	REQUIRES Apple iOS device running version 12 and above  NEON 24 Monitor, NEON Master Control Unit, 2 x Feet (inc. mount screws x 2), NEON Quick Start Guide, 1 x Master Caddy II (inc. screws), 19V ACP Ower Adapter with mount cage, AtomX SDI Expansion Module, Monitor Protective Sheath, MCU Protective Sheath,
LANC 2.5mm jack  LE Bluetooth  What's in the box  Accessories included	REQUIRES Apple iOS device running version 12 and above  NEON 24 Monitor, NEON Master Control Unit, 2 x Feet (inc. mount screws x 2), NEON Quick Start Guide, 1 x Master Caddy II (inc. screws), 19V AC Power Adapter with mount cage, AtomX SDI Expansion Module, Monitor Protective Sheath, MCU Protective Sheath, Hex Wrench.  Atomos NEON 24" Case, Xrite ilDisplay, Atomos USB A

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

\*In ambient temperatures of < 25° C  $\,$