



NEON 17 & 24 Precision Monitor-Recorders

On-set and in-studio HDR monitor-recorders, that are invaluable when reliable and trustworthy monitoring is essential.

NEON 17 is as comfortable with your camera crew as it is with your DIT. Featuring a colour calibrated Full HD screen, with a 128 zone backlight, capable of displaying of up to 1200 nits peak luminance. The AtomOS toolset allows it to seamlessly move between your DP, Focus Puller, or colourist, while on-board recording to solid state drives make it ideal for continuity and review in your video village.

For the most demanding of shoots, **NEON 24** pushes the bar further. A clear, crisp DCI-4K panel, with a maximum display resolution of 4096x2160. The HDR screen features a 512 zone dynamic full array local dimming backlight capable of sustaining 1200 nits, whilst also offering a true 10 bit DCI-P3 display. NEON 24 presents the ideal solution for integrating

a high end HDR monitor into your edit suite, whilst also being versatile enough to take on set.

With NEON, Atomos has re-imagined the role of the reference monitor to meet the HDR challenges of modern TV and film production. NEON deliberately does away with touchscreen operation and is Bluetooth controlled by the Atomos App. It has the simple-to-use AtomOS built into it so that you can use the App to access real-time production tools including focus peaking, exposure, calibration, zoom, waveform monitor, RGB parade, vector scope and LUT selection.

NEON shortens the gap between capture and final edit with real-time recording and playback of your captured shots at up to 4Kp60 in formats including ProRes, ProRes RAW, Cinema DNG, Avid DNx.

QUICK COMPARISON MATRIX	NEON 17 17" Precision HDR Monitor & Recorder	NEON 24 24" Precision HDR Monitor & Recorder
Resolution	1920x1080	4096x2160
Bit Depth	10Bit (8+2 FRC)	True 10-Bit
Brightness (cdm2 / nits)	Up to 1000 Full Screen and 1200 Nits Peak HDR	
Back Light Type	Dynamic Full Array Local Dimming (FALD) 128 Zones	Dynamic Full Array Local Dimming (FALD) 512 Zones
Dimensions (W x H x D mm)	413 x 253 x 71.4mm	594 x 339.7 x 72.5mm
Video Input HDMI	HDMI (2.0) 4k p60	
Video Input SDI	12G SDI Backwards compatible Autodetection via included AtomX SDI module	
Video Output HDMI	HDMI (2.0) 4k p60	
SDI loop out	12G SDI Backwards compatible Autodetection via included AtomX SDI module - level A and B selectable	
SDI Play out	12G SDI Backwards compatible Autodetection AtomX SDI module - level A and B selectable	

For more detailed comparison information click [HERE](#)



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