NINJA INFERNO

UNLEASH THE POWER OF THE GH5

Monitor Log in HDR on a calibrated screen; AtomHDR delivers 10 stops of dynamic range to match 10-bit camera LOG footage, revealing detail in highlights & shadows usually clipped on

Daylight viewable 1500nit screen; The high resolution 7" calibrated monitor, boasts 1500nit brightness which makes it perfect for hood-free outdoor monitoring.

Record 4K 60p Apple ProRes or DNxHR; Record and play out pristine Apple ProRes/DNxHR in 4K resolution, 10-bit 4:2:2 color accuracy and 24/25/30/50/60p frame rates.

Record & Monitor over HDMI; HDMI 2.0 in/out for connection from HDMI sources such as the latest 4K 60p HDR Log cameras and for play out to HDR & Rec709 monitors.

XLR Audio; Use an optional XLR breakout cable with 48V phantom power to connect & power external microphones for balanced analogue audio.

Instant playback to HDR monitors; Playout HDR as PQ or HLG to larger HDR compatible screens or feed HDR in as a PQ or HLG signal for mobile HDR grading.

PROFESSIONAL GH5 WORKFLOW

ProRes · 4K 60P · 422 10-BIT · Avid DNxHR

CONNECT TO HDMI SOURCES
(Camera, Laptop, Game Console)

FILES READY TO EDIT ON MAC OR PC

PLAYBACK FOR ON SET / CLIENT REVIEW

HIGH BRIGHT HDR/SDR MONITOR-RECORDER

GRADING REFERENCE FOR HDR/SDR

Weight	
Without batteries & media	630g / 22.2oz
With batteries & media	1074g / 37.9oz
Dimensions (W x H x D mm)	214 x 127 x 45mm, 8.4 x 5 x 1.8"
Construction	High quality lightweight ABS Polycarbonate for durability & portability
	Built-in armor protection

Power	
Operating power (including SSD)	10-33W
Compatible batteries	NP-F series and supporting accessories
Input voltage (battery)	6.2V to 16.8V
Battery time (based on 7.4V)	-
	5200mAh - up to 1.5hrs (monitor & record 4K 30p)
	7800mAh - up to 2.2hrs (monitor & record 4K 30p)
DC In	1 x DC in (6.2 - 16.8V)
Continuous power * Patent pending	Primary-secondary battery system Change batteries without losing power Loop batteries continuously

Touchscreen	
Size	7.1"
Resolution	1920 x 1200
PPI	325
Aspect ratio	16:9 native
Color Gamut	REC709 HDTV
Look up table (LUT) support	3D LUT (.cube file format)
Anamorphic de-squeeze	2x, 1.5x, 1.33x, Panasonic 8:3
Technology	SuperAtom IPS panel (capacitive touch), calibration to Rec.709 with optional calibration unit

HDR	
AtomHDR	Yes
Supported Log formats	Sony SLog2 / SLog3, Canon CLog / CLog 2, Arri Log C, Panasonic Vlog, JVC JLog, Red LogFilm
Supported Gamuts	Sony SGamut / SGamut3 / SGamut3.cine Canon Cinema / BT2020 / DCI P3 / DCI P3+ Panasonic V Gamut Arri Alexa Wide Gamut
Bit depth	10-bit (8+2 FRC)
Brightness	1500nit (+/- 10%)
HDR input (PQ/HLG) HDR output (PQ/HLG)	Yes / Yes Yes / Yes

Video input/loop out	
HDMI	1 x HDMI (2.0)
SDI	-
Signal	Uncompressed true 10-bit or 8-bit 422 (camera dependent)

Video output (play out)	
HDMI	1 x HDMI (2.0)
SDI	-
Signal	Uncompressed true 10-bit or 8-bit 422 (playback file dependent)

Supported loop out formats		
HDMI to HDMI**		720p 50/60, 1080i 50/60, 1080p 24/25/30/50/60/100/120 2160p 24/25/30/50/60

Supported Codecs & frame rates (record & playback)		
	Brand / Model / Codec	Resolution / Frame rate
Video to ProRes / DNxHR (DNx utilizes a .MOV wrapper)**	Refer camera compatibility list; atomos.com/cameras	4K DCI; 24/25/30/50/60p 4K UHD; 24/25/30/50/60p 2K; N/A***
	ProRes (HQ, 422, LT) DNxHR (HQX,HQ,SQ,LB)	1080p; 24/25/30/50/60/100^/120^ 1080i; 50/60i 720p; 50/60p

Onboard processing	
Pulldown removal	24/25/30pSF > 24/25/30p (2:2 pulldown) 60i > 24p (3:2 pulldown)
4K UHD downscaling	Yes - Loop-out and playback

Audio in/out (48kHz PCM audio)	
HDMI	2 or 8ch 24-bit, camera dependent
Audio	2ch balanced XLR analog in/out Dynamic range >90dB Max signal level +24dBu Max analog gain +52dB 48V Phantom Power for Mic

Remote start/stop	
HDMI	Auto HDMI Trigger Supported Protocols - Canon, Sony, Atomos Open Standard
Other	LANC control - Slave

Playback	
Playlist	Yes
CDNG (Recorded content)	N/A
ProRes (Recorded content)	All recorded files can playback. Playback in slow motion >= 100fps
DNxHR / DNxHD (recorded content)	All recorded files can playback. Playback in slow motion >= 100fps

Recording	
Pre-roll record	Yes (HD 8s, 4K 2s)
Custom timelapse	Yes
Meta data tagging	Yes (10 tags available)
Supported media (Approved List at Atomos.com/drives)	Select SSD: Video (4K 30p, 1080 60p) Select SSD or HDD: Video (1080 30p, 720 60p)
Master caddy case	Master Caddy II (included) 75mm x 105mm x 12mm
Master caddy dock	2.5" SATA to USB 2.0/3.0
Supported applications	Supported Applications FCPX/FCP7+ / Media Composer 5.0+ / Premiere 5.5+ EDIUS 6.0+ / Vegas Pro 10+ / Lightworks / Autodesk Smoke 2015
XML support	FCPX XML native, FCPX/Adobe limited supported with 3rd party conversion tools
Accessories included	Ninja Inferno unit, 12V-3A AC adapter, 1 x Master Caddy II, Travel case

AVAILABLE ACCESSORIES

ACCCESSORIES KIT

POWER KIT

HDMI CABLES

G-TECHNOLOGY SSD

ANGEL BIRD SSD

X-RITE CALIBRATION

Specifications correct at time of printing E&OE
* Available in a future firmware update. ** 24/30/60 frame rates also include 23.98/29.97/59.94 frame rates for all resolutions
*** No HDMI Spec for 2K DCI ^From supported HDMI sources such as gaming consoles & graphics cards