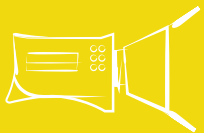




SHOGUN FLAME

INTENSE DETAIL. SCORCHING BRIGHTNESS.



SDI, RAW - & HDMI
Broadcast & Film

Shoot in log from the camera and for the first time, thanks to the AtomHDR engine, reproduce the vibrant colors & brightness of HDR in post production on a field monitor. The Shogun Flame is a 7" 10-bit 1500nit Field Monitor with the AtomHDR engine, connections for HDMI / SDI / XLR and recording for both Video and Raw (Sony & Canon) to 4K/HD 10-bit ProRes/DNxHR.



AtomHDR = More detail; AtomHDR delivers 10 stops of dynamic range (brightness range) to match 10-bit camera LOG footage, revealing detail in highlights & shadows usually clipped on traditional (REC709) monitors. Supported LOG cameras include: Sony, Canon, Panasonic, ARRI, RED & JVC.



High Bright 7" Calibrated Monitor; The world's most advanced 7" field monitor, with 1500nits brightness for outdoor shooting, native Full HD resolution & calibration to ensure natural LCD color drift can be corrected over time - shoot what you see guaranteed.



10-bit monitoring; Upgraded 10-bit processing to resolve 1.07 billion colors compared to the 16.7 million colors of traditional 8-bit panels to all but eliminate color banding.

10-bit post production; Monitor post production content in 10-bit HDR for any NLE or color correction suite.



HDMI/SDI; With both HDMI and SDI in/out you have the maximum flexibility in choice of camera including Raw SDI cameras like the Sony FS700/FS7 and Canon C500/C300MKII. With bi-directional conversion allowing you to add any camera to your HDMI or SDI workflow.



4K & Raw Recording; Record direct from the sensor at 4K UHD (up to 30p) or HD (50/60/120p) at higher resolution 10-bit color with precise yet efficient 4:2:2 color encoding. Even record Raw to ProRes/DNx for select Sony & Canon cameras.



Improved Video Quality; 10-bit color resolution, 4:2:2 color accuracy and visually lossless ProRes/DNxHR compression.



Continuous power; Our patent pending hot swappable dual battery system for continuous power is backed up with the included power accessories including 2 x 4-cell batteries, D-Tap to DC cable and a blazingly fast battery charger.

SHOGUN FLAME SPECIFICATIONS

Weight	
Without batteries & media	650g / 22.9oz
With batteries & media	1094g / 38.6oz
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 - 24W
Compatible batteries	NP 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%)
PQ in/out In = Post Out = Monitor	Yes / Yes
Video input/loop out	
HDMI	1 x HDMI (1.4b)
SDI	1x 4K-SDI 12G/6G or HD-SDI 3G/1.5G (SMPTE)
Signal	Uncompressed true 10-bit or 8-bit 422 (camera dependent)
Video output (play out)	
HDMI	1 x HDMI (1.4b)
SDI	1x 4K-SDI 12G/6G or HD-SDI 3G/1.5G
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 24/25/30/50/60/120, 2160p 24/25/30
SDI to SDI	720p 50/60, 1080i 50/60, 1080pSF 24/25/30, 1080p 24/25/30/50/60/120*, 2160p 24/25/30

Video signal conversion	
HDMI to SDI	720p 50/60, 1080i 50/60, 1080p 24/25/30/50/60/120*, 2160p 24/25/30
SDI to HDMI	720p 50/60, 1080i 50/60, 1080p 24/25/30/50/60/120*, 2160p 24/25/30
Supported Codecs & frame rates (record & playback)	
Raw to CDNG (Record only)*	Codecs Cinema DNG for supported cameras (Sony FS5/FS7/FS700, Canon C300MKII, C500, Panasonic Varicam RAW*) Frame rates 4K DCI / 4K UHD; 24/25/30p 2K / 1080p; 24/SF24/25/SF25/30/SF30/50/60/100/120p
Raw to ProRes / DNxHR	Codecs Apple ProRes HQ, 422, LT AVID DNxHR HQX, HQ, SQ, LB Frame rates 4K DCI / 4K UHD; 24/25/30 2K*** / 1080p; 24/SF24/25/SF25/30/SF30/50/60/100/120
Video to ProRes / DNxHR	Codecs Apple ProRes HQ, 422, LT AVID DNxHR HQX, HQ, SQ, LB Frame rates 4K UHD; 24/25/30 1080p; 24/SF24/25/SF25/30/SF30/50/60/100/120 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 downscale for HD monitoring	Yes - Loop-out and playback (Not available in RAW)
Audio in/out (48kHz PCM audio)	
HDMI	2 or 8ch 24-bit, camera dependent
SDI	12ch 48kHz 24-bit
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
SDI	SDI trigger camera selectable
Other	LANC control - Slave
Playback	
Playlist	Yes
Genlock/LTC	Yes / Yes
Recording	
Pre-roll record	Yes (HD 8s, 4K 2s)
Custom timelapse	Yes
Meta data tagging	Yes (10 tags available)
Supported media (Approved List Only)	4K / HD (50/60/120p) SSD 2.5", HDD (7,200 up to 1080p60) HD SSD 2.5", HDD (5,400 up to 1080p30)
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, FCP7 supported with conversion (Adobe compatible)
Accessories included	Shogun Flame unit, Custom yellow HPRC case, Control cable, XLR breakout cable, 2x NP-F750 5200mAh batteries, Fast battery charger, SATA 3/2 to USB 3/2 HDD/SSD docking station, DC to D-Tap coiled cable, Master Caddy II x 5, 12V-3A AC adapter x 2 (Fast charger & DC power), HDR sunhood
Optional extras	Atomos HDMI cable, X-Rite calibration

What's in the box:

Shogun Flame unit	Fast battery charger
Custom Yellow HPRC hard flight case	USB3 docking station
Control cable (2.5mm Female to 2 x 2.5mm Male)	Coiled D-Tap to DC power cable
XLR breakout cable	5 x Master Caddy cases
2 x NP-F750 4-cell batteries	2 x 12V 3A AC-DC power adapter
	Snap-fast sun hood