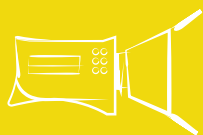




SHOGUN FLAME

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		Supported formats (Record & Playback)	
Without batteries & media	650g / 22.9oz	4K	2160p 24/25/30
With batteries & media	1094g / 38.6oz	HD - high frame rate**	1080p120*, 1080p60/50
Dimensions (W x H x D mm)	214 x 127 x 45mm, 8.4 x 5 x 1.8"	HD**	1080i60, 1080i50, 1080p30, 1080p25, 1080p24, 1080pSF24, 1080pSF25, 1080pSF30, 720p60, 720p50
Construction	High quality lightweight ABS Polycarbonate for durability & portability Built-in armor protection	4K UHD downscale for HD monitoring	Yes - loop-out & playback (not available in RAW)
Power		Anamorphic de-squeeze	2x, 1.5x, 1.33x, Panasonic 8:3
Operating power	10 - 24W	Realtime hardware encoding	
Compatible batteries	NP series and supporting accessories	4K - DCI RAW 4096x2160 to Supported cameras; Sony FS700, FS7 Canon C300MKII, C500	Apple ProRes HQ, 422, LT DNxHR HQX, HQ, SQ, LB
Input voltage (battery)	6.2V to 16.8V	4K-UHD 3840x2160 8/10-bit 4:2:2 to	Apple ProRes HQ, 422, LT DNxHR HQX, HQ, SQ, LB
Battery time (based on 7.4V)	- 5200mAh - up to 1.5hrs (monitor & record 4K) 7800mAh - up to 2.2hrs (monitor & record 4K)	1920x1080 8/10-bit 4:2:2 to	Apple ProRes HQ, 422, LT DNxHD 220x, 220, 145, 36
DC In	1 x DC in (6.2 - 16.8V)	Onboard processing	
Continuous power * Patent pending	Primary-secondary battery system Change batteries without losing power Loop batteries continuously	Pulldown removal	24/25/30pSF > 24/25/30p (2:2 pulldown) 60i > 24p (3:2 pulldown)
Touchscreen		Audio in/out (48kHz PCM audio)	
Size	7.1"	HDMI	2 or 8ch 24-bit, camera dependent
Resolution	1920 x 1200	SDI	12ch 48kHz 24-bit
PPI	325	Audio	2ch balanced XLR analog in/out Dynamic range >90dB Max signal level +24dBu Max analog gain +52dB 48V Phantom Power for Mic
AtomHDR	Yes	Remote start/stop	
Bit depth	10-bit (8+2 FRC)	HDMI	Auto HDMI Trigger Supported Protocols - Canon, Sony, Atomos Open Standard
Brightness	1500nit (+/- 10%)	SDI	SDI trigger camera selectable
Aspect ratio	16:9 native	Other	LANC control - Slave
Color gamut	REC709 HDTV	Playback	
Look up table (LUT) support	3D LUT (.cube file format)	Playlist	Yes
Technology	SuperAtom IPS panel (capacitive touch), calibration to Rec.709 with optional calibration unit	Genlock / LTC	Yes / Yes
Video input/loop out		Recording	
HDMI	1 x HDMI (1.4b)	Pre-roll record	Yes (HD 8s, 4K 2s)
SDI	1 x 4K-SDI 6G or HD-SDI 3G/1.5G (SMPTE)	Custom timelapse	Yes
Signal	Uncompressed true 10-bit or 8-bit 422 (camera dependent)	Meta data tagging	Yes (10 tags available)
Video output (play out)		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)
HDMI	1 x HDMI (1.4b)	Master caddy case	Master Caddy II (included) 75mm x 105mm x 12mm
SDI	1x 4K-SDI 12G/6G or HD-SDI 3G/1.5G (SMPTE)	Master caddy dock	2.5" SATA to USB 2.0/3.0
Signal	Uncompressed true 10-bit or 8-bit 422 (playback file dependent)	Supported applications	Supported Applications FCPX/FCP7+ / Media Composer 5.0+ / Premiere 5.5+ EDIUS 6.0+ / Vegas Pro 10+ / Lightworks / Autodesk Smoke 2015
Supported loop out formats		XML support	FCPX XML native, FCP7 supported with conversion (Adobe compatible)
HDMI to HDMI	720p 50/60, 1080i 50/60, 1080p 24/25/30/50/60/120, 2160p 24/25/30	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
SDI to SDI	720p 50/60, 1080i 50/60, 1080pSF 24/25/30, 1080p 24/25/30/50/60/120*, 2160p 24/25/30	Optional extras	Atomos HDMI cable, Spyder calibration
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		

Battle-ready build Built-in Armor, Continuous power and Lightweight design

Fast charger
3 times the charging time of conventional chargers



Batteries included
NP style 4-cell batteries (1.5 hours monitoring & recording in 4K)



AtomHDR
10 stops of dynamic range, 1500nit 7" Full HD calibrated monitor



Snap-fast sun hood
Strong blackout and magnetic snap-fast design for easy screen access

What's in the box:

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