

**Weight**

Without batteries & media 345g / 12oz

With batteries & media 696g / 25oz

Dimensions (W x H x D mm) 153 x 87 x 48mm, 6.0 x 3.4 x 1.9"

Construction Aircraft-grade Aluminum for durability & portability

- -

**Power**

Operating power 3.3W (monitoring only) / 6.8W (Rec, Mon, Play)

Compatible batteries NP-F series, D-Tap and supporting accessories

Input voltage (battery) 6.2V to 16.8V

Battery time (based on 7.4V) 2600mAh - up to 4hrs

5200mAh - up to 8hrs

7800mAh - up to 12hrs

DC In -

Continuous power  
\* Patent pending Primary-secondary battery system  
Change batteries without losing power  
Loop batteries continuously

**Touchscreen**

Size 5"

Resolution 1280 x 720

PPI 325

Aspect ratio 16:9 native / 4:3 Letterbox

Color standard REC709 HDTV

Look up table (LUT) 1D LUT

## Touchscreen

support

Anamorphic de-squeeze

-

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

Native gamut (no conversion)

Bit depth

8-bit

Brightness

400nit

PQ in/out

In = Post Out =  
Monitor

No / No

## Video Input/Loop Out

HDMI

-

SDI

1 x HD/SD-SDI (SMPTE)

Signal

Uncompressed true 10-bit or 8-bit 422  
(camera dependent)

## Video Output (Play Out)

HDMI

SDI

1 x HD/SD-SDI

Signal

Uncompressed true 10-bit or 8-bit 422  
(playback file dependent)

## Supported Loop Out Formats

## Supported Loop Out Formats

HDMI to HDMI	-
SDI to SDI	720p 50/60, 1080i 50/60 1080pSF 24/25/30 1080p 24/25/30

## Video Signal Conversion

HDMI to SDI	-
SDI to HDMI	-

## Supported Codecs & Frame Rates (Record & Playback)

Raw to CDNG (Record only)*	N/A
Raw to ProRes / DNxHR	N/A
	<b>Codecs</b> Apple ProRes HQ, 422, LT AVID DNxHD 220x, 220, 145, 36
Video to ProRes / DNxHR	<b>Frame rates</b> 1080p; 24/SF24/25/SF25/30/SF30 1080i; 50/60i 720p; 50/60p SD 480i, 576i

## Onboard Processing

Pulldown removal	24/25/30pSF > 24/25/30p (2:2 pulldown) 60i > 24p (3:2 pulldown)
4K UHD downscale for HD monitoring	-

## Audio In/Out (48kHz PCM Audio)

HDMI	-
SDI	12ch 48kHz 16-bit
Audio	Line in / Headphone out 2ch 48kHz 16-bit

## Remote Start/Stop

HDMI	-
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## Remote Start/Stop

SDI SDI trigger camera selectable

Other LANC control - Slave

## Playback

Playlist -

Genlock / LTC -

## Recording

Pre-roll record -

Custom timelapse -

Meta data tagging Yes (Favorite, Reject)

Supported media (Approved List Only) SSD 2.5"  
HDD (5,400 to 7,200rpm)

Master caddy case Master Caddy 1 (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 Samurai Blade unit, Universal battery charger 110- 240V,  
AC adapter & car charger, docking station & leads,  
2 x master caddy cases, 1 x Atomos 2600mAh battery,  
Rugged carry case, D-Tap adapter,  
2.5mm "Y" adapter cable for LANC

Optional extras 5 x Master caddy cases, Sunhood,  
Carry cases, Canon & Nikon adapter plates,  
Connect H2S converter, Connect S2H converter,

## **Recording**

Power Station

**All specifications correct when published, subject to E&OE.**

\* Available in future firmware updates