

THE 16DIGITAL REFLEX CAMERA

SAVE YOUR INVESTMENT IN 16 MM...

... and get exceptional motion picture quality in 16Digital format! The PS-Mag 16D SR-III camera with optical viewfinder is designed for documentaries, independent feature film production and especially interesting for film universities and camera equipment rentals!

P+S TECHNIK has successfully introduced innovation to the motion picture industry. The constantly cultivated close relationship with Directors of Photography and the consistent innovation ability has led to the latest development of P+S TECHNIK: The PS-Mag 16D SR-III

The PS-Mag 16D SR-III CMOS sensor produces cinema quality with a 2/3" image sensor in full HD resolution. Choose from CineForm 10 bit RAW or 4:2:2 High Definition recording – exceptional pictures meet flexible workflow simplicity!

UNIQUENESS DUE TO

- Original optical viewfinder system
- Digital image capturing onto the opto-mechanical movie camera ARRI SRIII
- Onset operation is close to film camera operation
- 16 mm lenses and accessories
- HD-SDI video assist (flicker-free)
- Configuration via PS-Mag display or laptop/PC, iPhone
- Standard removable SSD storage
- Direct access to digital post production workflow

PACKAGES

Apart from the PS-Mag 16D SR-III unit, P+S TECHNIK offers as well complete packages including a serviced and painted 16SRIII camera body and a set of 16 mm lenses. For more information contact info@pstechnik.de



KEY FEATURES

■ Film & Digital

Digital image capturing onto the opto-mechanical movie camera allows an onset operation which can be compared to film camera operation. The PS-Mag 16D SR-III is a simple and quickly reversible mechanical setup which saves your investment in 16 mm equipment!

■ RAW & HD workflow capability

The unique and universal design supporting RAW and HD via HD-SDI outputs in 1920 x 1080 guarantees full flexibility. Instead of flickering PAL or NTSC video assist, a HD-SDI output is available.

■ CineForm compressed & uncompressed recording

CineForm compressed & uncompressed recording in 10 bit 4:2:2. The PS-Mag 16D SR-III offers multiple frame rate settings in 1080 in 24, 25, 30 fps and 60 fps (planned) and is switchable between 59.94 Hz and 50 Hz modes.

■ Convenient workflow options

Efficient and convenient workflow options Direct access to digital post production solutions of partners such as CineForm, AJA, Apple, Digital Vision, DVS, Iridas and Quantel.

SHOWREEL

PS-Mag 16D SR-III showreel available at <http://www.pstechnik.de/ps-mag-16dsr>

SPECIFICATIONS

Camera	Description	Specification
Sensor		2/3" CMOS – close to N16
	Sensitivity	250 ASA
	Dynamic range	> 9 T-stops
Frame Rates		23.98 fps, 24 fps, 25 fps, 29.97 fps, 30 fps
		60 fps (planned)
Output	RAW	RAW in HD-SDI mapping (for monitoring and additional recording)
	HD	HD-SDI
Recording Formats	HD & RAW	1920 x 1080, 10 bit 4:2:2
		compressed & uncompressed CineForm
		switchable between 59.94 Hz and 50 Hz modes
Time Code		yes (Frame Sync)
Power	Camera	12 V – 24 V
Dimensions	L x B x H	175 x 305 x 132 mm (6.9 x 12 x 5.2 in)
Weight		4 kg / 8,8 lb
Compatibility		to ARRI SRIII cameras with simple reversible mechanical setup to 16 mm PL Mount lenses

Subject to change without prior notice

WORKFLOW

AJA Kona card and Apple Final Cut Pro setup with Cineform Neo allows the use of Premiere® Pro, After Effects®, etc.



CineForm – Neo

Digital Vision – Nucoda

DVS – Clipster

Iridas-FrameCycler, SpeedGrade

Quantel-Software for Pablo, iQand eQ ...



Laptop



iPhone

Innovative and comfortable wireless operation via Smart Phones (iPhone, BlackBerry etc.), Netbooks, Notebooks, iPad etc. or through PS-Mag 16D SR-III display interface

ACCESSORIES INCLUDED

- Transportation Protection Cap
- IR Gate
- Film Gate
- Ethernet Cable
- User Manual

OPTIONAL ACCESSORIES

- Docking Station
- SSD Drive 128GB / 256GB
- Ground glass
- Hand Grip Extension
- CineForm Neo (Mac and Win)
- Transport Case