

16Digital SR Mag

Technical Information

Save your investment in 16mm equipment...

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

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

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 lead to the latest development of P+S TECHNIK: The 16Digital SR Mag !

This 16Digital SR Mag camera for Film & TV provides uniqueness due to

- ➔ Digital image capturing onto the opto-mechanical movie camera ARRI SR111
- ➔ Onset operation is close to film camera operation
- ➔ 16mm lenses and accessories
- ➔ Original optical viewfinder system
- ➔ HD-SDI video assist (flicker-free)
- ➔ Magazine configuration via standard laptop/PC, iPhone or through existing 16SR camera interface
- ➔ Standard removable SSD storage
- ➔ Direct access to digital post production workflow



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Key features

➔ Film & Digital

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

➔ RAW & HD workflow capability

The unique and universal design supporting RAW and HD via HD-SDI outputs in 1920x1080 guarantees full flexibility. Instead of a flickering PAL or NTSC video assists, a HD-SDI output is available

➔ Compressed & uncompressed recording - CineForm

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

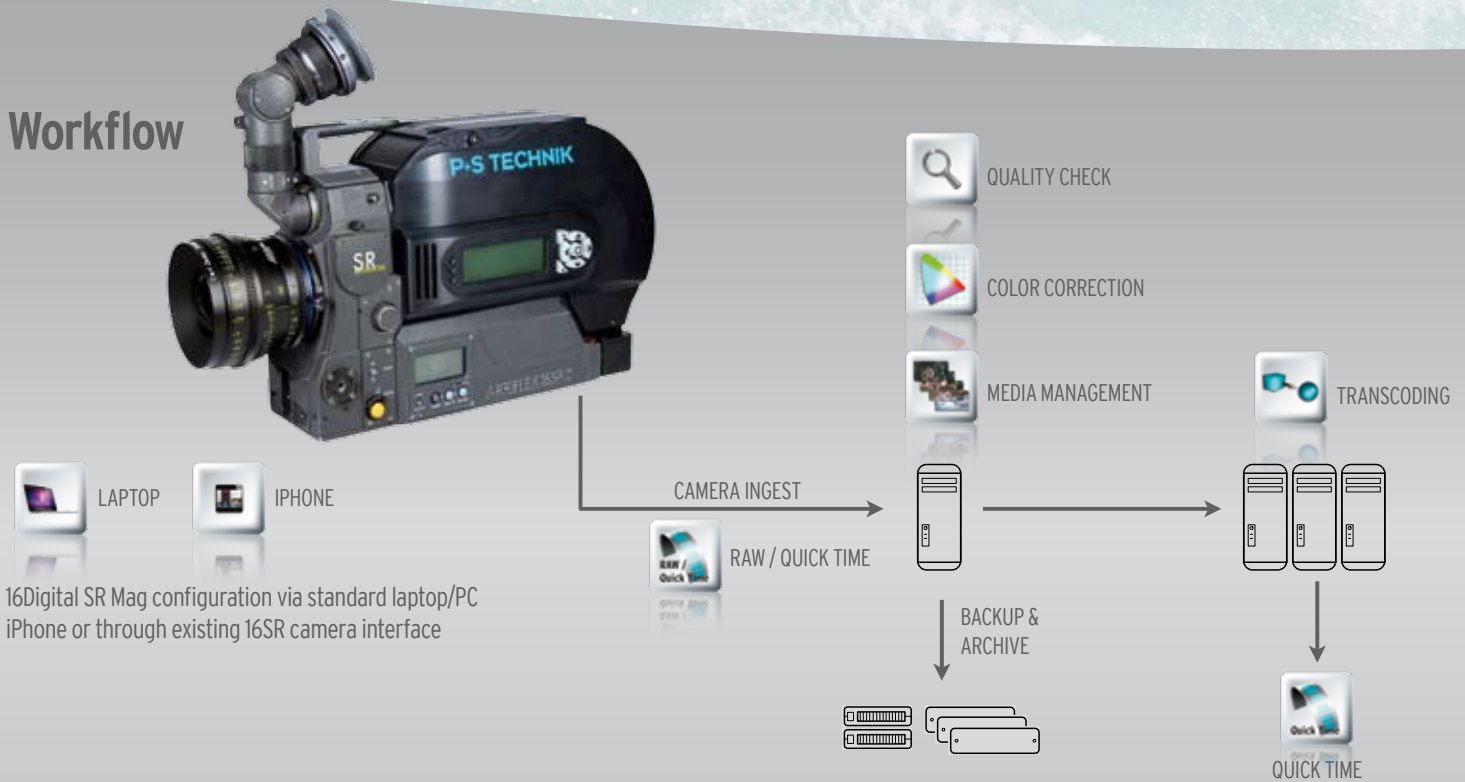
➔ Direct access to digital post production with PSRushes

An efficient and convenient workflow is ensured by several partners such as AJA, Cinegy, Digital Vision, DVS, Iridas, Quantel and Pomfort. To take maximum advantage of the digital world the 16Digital SR Mag is delivered with PSRushes software that offers a complete workflow solution for digital dailie processing

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Workflow



Specifications

Subject to technical change without prior notice

Sensor	2/3" CMOS - close to N16
Recording Formats	1920 x 1080 10bit 4:2:2 CineForm HD and RAW compressed and uncompressed
Recording Frame Rates	24fps, 25fps, 30fps (including 23.98fps, 29.97fps)
Output	HD-SDI (for monitoring and additional recording)
Compatibility	to ARRI SR III cameras with simple reversible mechanical setup (SR I / II planned) to 16mm PL Mount lenses with format masks (available through P+S TECHNIK)
Dimensions	175 x 305 x 132 mm 6.9 x 12 x 5.2 in
Weight	4 kg / 8,8 lbs
Power	12 V

Accessories included

- PSRushes workflow software
- Docking station
- 16Digital SR Mag film gate
- Sensor storage and transportation protection cap

Optional Accessories

- SSD Drive including carrier
- Ethernet cable