

16Digital Lenses

Technical Information



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Key Features

- ➔ Work perfectly with the SI-2K Digital Cinema Camera
- ➔ Only high quality materials used
- ➔ Compact design
- ➔ Standard 0.8 gear ring
- ➔ Standard 60mm / 2,36in front lens diameter

P+S TECHNIK offers a new set of high quality 16mm format lenses especially designed for digital cameras with a single 16mm size sensor. The small and lightweight lenses fit directly into the IMS camera mount. Each lens is equipped with standard 0.8 gear rings and has a front lens diameter of 60mm.

Interchangeable Mount System (IMS)

The P+S TECHNIK Interchangeable Mount System consists of an intermediate positive lock mount on camera side and various lens mount adapters.

- ➔ New mount standard for single chip cameras
- ➔ Ease-of-use change of lenses and mounts
- ➔ Available as open standard for single chip digital cameras



SI-2K Digital Camera System

The SI-2K impresses with its especially small form factor, a DCI compliant single CMOS sensor, 16mm format and 2K resolution with 10 stops of dynamic range. Combined with the small and lightweight 16Digital lenses the setup becomes an **unbeatable** high-resolution but mobile recording solution for 16Digital productions.

SI-2K and 16Digital lenses bundles for 3D

When it comes to stereo 3D production using two camera setups, weight and form factor are becoming even more crucial features to a setup. The SI-2K and 16Digital lenses make a perfect bundle for 3D production. It is small, it is lightweight, it records to a single recorder and the 16Digital format eases 3D production.

The SiliconDVR 3D software controls two camera heads simultaneous and records uncompressed or CineformRAW in different formats and frame rates.

P+S TECHNIK also offers a wide range of different stereo 3D rigs - side-by-side and mirror solutions - matching the SI-2K and 16Digital lens bundle.

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8mm / T1.9

Lens Mount	IMS Mount
Aperture Range	f/1.8 - 11
Focusing Range	0,22 mm / 0,07 ft - infinity
Front diameter of Lens	60 mm / 2.36 in
Lens block inside	powered by Rodenstock
Max. dimensions	ø 65,6 mm, length 78 mm ø 2.58 in, length 2.95 in
Weight	approx. 430 grams / 0.95 lbs

25mm / T1.7

Lens Mount	IMS Mount
Aperture Range	f/1.6 - f/16
Focusing Range	0,35 m / 1,15 ft - infinity
Front diameter of Lens	60mm / 2.36 in
Lens block inside	powered by Rodenstock
Max. dimensions	ø 65,6 mm, length 78 mm ø 2.58 in, length 2.95 in
Weight	approx. 430 grams / 0.95 lbs

12mm / T1.9

Lens Mount	IMS Mount
Aperture Range	f/1.8 - f/11
Focusing Range	0,2 m / 0,66 ft - infinity
Front diameter of Lens	60 mm / 2.36 in
Lens block inside	powered by Rodenstock
Max. dimensions	ø 65,6 mm, length 78 mm ø 2.58 in, length 2.95 in
Weight	approx. 430 grams / 0.95 lbs

35mm / T1.7

Lens Mount	IMS Mount
Aperture Range	f/1.6 - f/16
Focusing Range	0,45 m / 1,48 ft - infinity
Front diameter of Lens	60 mm / 2.36 in
Lens block inside	powered by Rodenstock
Max. dimensions	ø 65,6 mm, length 78 mm ø 2.58 in, length 2.95 in
Weight	approx. 430 grams / 0.95 lbs

16mm / T1.7

Lens Mount	IMS Mount
Aperture Range	f/1.6 - f/11
Focusing Range	0,25 m / 0,82 ft - infinity
Front diameter of Lens	60 mm / 2.36 in
Lens block inside	powered by Rodenstock
Max. dimensions	ø 65,6 mm, length 78 mm ø 2.58 in, length 2.95 in
Weight	approx. 430 grams / 0.95 lbs

50mm / T1.9

Lens Mount	IMS Mount
Aperture Range	f/1.6 - f/18
Focusing Range	0,75 m / 2,46 ft - infinity
Front diameter of Lens	60 mm / 2.36 in
Lens block inside	powered by Rodenstock
Max. dimensions	ø 65,6 mm, length 78 mm ø 2.58 in, length 2.95 in
Weight	approx. 430 grams / 0.95 lbs