

P+S TECHNIK offers a new set of high quality 16 mm format lenses especially designed for digital cameras with a single 16 mm 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 60 mm. The compact and lightweight design combined with the typical depth of field of a 16mm camera make lenses perfect for 3D use.



KEY FEATURES

- Work perfectly with the SI-2K Digital Cinema Camera and the Ikonoskop A-Cam dll for example
- Only high quality materials used
- Compact design
- Standard 0.8 gear ring
- Standard 60 mm / 2,36 in front lens diameter
- Filter thread M58 X 0,75
- IMS Mount
- Lightweight (max. 453 gr / 1.0 lb)

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 and 16Digital lenses bundles for 3D



IKONOSKOP A-Cam dll Digital Camera System with IMS Mount

SPECIFICATIONS

16Digital Lens	8mm	12mm	16mm	25mm	35mm	50mm
Angle of view	41,46°	43,90°	33,56°	21,76°	15,64°	10,98°
horizontal*	(2 x 20,73°)	(2 x 21,95°)	(2 x 16,78°)	(2 x 10,88°)	(2 x 7,82°)	(2 x 5,49°)
Angle of view	35,48°	25,46°	19,18°	12,32°	8,82°	6,20°
vertical*	(2 x 17,74°)	(2 x 12,73°)	(2 x 9,59°)	(2 x 6,16°)	(2 x 4,41°)	(2 x 3,10°)
Angle of view	66,3°	49,58°	36,62°	24,86°	17,88°	12,58°
diagonal*	(2 x 33,15°)	(2 x 24,79°)	(2 x 18,31°)	(2 x 12,43°)	(2 x 8,94°)	(2 x 6,29°)
Angle of view	72°	49,8°	36,62°	35,48°	25,78°	18,22°
maximum*	(2 x 36°)	(2 x 24,90°)	(2 x 18,31°)	(2 x 17,74°)	(2 x 12,89°)	(2 x 9,11°)
Number of blades	6	6	6	6	6	6
Aperture	T 1.7 - 11	T 1.9 - 11	T 1.7 - 11	T 1.7 - 16	T 1.7 - 16	T 1.9 - 16
Closest focusing	0,22 mm	0,22 mm	0,25 mm	0,35 mm	0,56 mm	0,75 mm
distance	0,72 ft	0,72ft	0,82 ft	1,15 ft	1,84 ft	2,46 ft
Maximum	18,3	12,12	11,52	11,39	12,5	12,58
magnification**						
Position of entrance pupil to housing	25,2 mm	38,6-39,6 mm	43,7-46,2 mm	49,3-53,3 mm	35,1-42,1mm	50,5-57,7 mm
	0.99 in	1,52-1,56 in	1,72-1,82 in	1,94-2,10 in	1,38-1,66 in	1,99-2,27in
Filter thread	M58 x 0,75	M58 x 0,75	M58 x 0,75	M58 x 0,75	M58 x 0,75	M58 x 0,75
Front diameter	60 mm	60 mm	60 mm	60 mm	60 mm	60 mm
	2,36 in	2,36 in	2,36 in	2,36 in	2,36 in	2,36 in
Length***	70 mm	75 mm	75 mm	75 mm	75 mm	73,5 mm
	2,76 in	2,95 in	2,95 in	2,95 in	2,95 in	2,89 in
Weight (gr/lb)	453 gr	445 gr	418 gr	424 gr	452 gr	447 gr
	1,00 lb	0,98 lb	0,92 lb	0,93 lb	0,99 lb	0,98 lb
Article number	#25668	#25669	#25670	#25671	#25672	#25673
meter scale						
Article number	#25675	#25676	#25677	#25678	#25679	#25680
feet scale						

* Angle of view datas refer to a sensor size of 2/3" (8.8mm x 6.6mm, 10,991mm diagonal) respectively 16:9 (9,6mm x 5,4mm, diagonal 11mm)

** according to closest focusing distance

*** from mount support surface to housing front

