

# press release



PLAUBEL 



**Content:** Digital View Camera System  
**Category:** Professional Digital Photography  
**Target group:** Photographers, PrePress, Advertising Agencies, Dealers

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**At Photokina Jenoptik, Plaubel and Schneider Kreuznach are introducing a new digital view camera system for the professional photographer. It has been developed in corporation in order to design an optimized complete system solution for different applications in digital studio photography.**

The well known and long established companies Jenoptik, Plaubel and Schneider Kreuznach have worked intensively together to design the new system, fitting all components together and optimizing each component to achieve an optimized complete digital view camera system.

Schneider Kreuznach completed their range of digital lenses by two new wide-angle lenses of 24 and 35 mm. With a range between 24 and 150 mm focal lengths Schneider provides lenses especially designed for digital photography. Beside the enormous resolution the new wide-angle lenses from Schneider are nearly distortion-free (below 0.8 %) and the lateral chromatic aberration is extremely low.

Additionally Schneider Kreuznach introduces at Photokina a brand new electronic shutter 0 with electronic aperture control. All functions of the ELECTRONIC-SHUTTER-0 can be controlled via a serial interface, no extra control unit is needed.

Jenoptik, Laser, Optik, Systeme GmbH has built in a serial interface in their range of eyelike precision backs in order to control the new Schneider shutter. Data is provided through the FireWire connection - only one cable is needed to connect the complete system to the computer. The complete control of the SCHNEIDER-ELECTRONIC-SHUTTER has been integrated in the eyelike software. The photographer is now able to control shutter speed and capture directly from the computer.

Plaubel advanced the Plaubel PL 69 view camera for the new digital view camera system. Within the new Plaubel PL 69 D (Digital) the axis of the back standard is exactly positioned in the plane of the CCD. An optional wide-angle accessory allows to use Schneider Apo-Digitar 5,6/24 XL-100° which is especially designed for professional digital photography.

The new view camera system offers a complete solution at an excellent price-performance ratio.

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## Summary of Technical Data:

### Eyelike precision family:

	<b>eyelike precision M6</b>	<b>eyelike precision M11</b>	<b>eyelike precision M16</b>
CCD-Sensor:	24x36 mm <sup>2</sup> , Peltier cooled with on-chip color mosaic-mask (RGB Bayer pattern)	24x36 mm <sup>2</sup> , Peltier cooled with on-chip color mosaic-mask (RGB Bayer pattern)	36,7x36,7 mm <sup>2</sup> , Peltier cooled with on-chip color mosaic-mask (RGB Bayer pattern)
Pixel pitch:	12µm x 12 µm	9µm x 9µm	9µm x 9µm
Resolution:	3x14 bit RGB 3072 x 2048 Pixel (1/4 shot) 6144 x 4096 Pixel (16 shot)	3x14 bit RGB 4000 x 2672 Pixel (1/4 shot) 8000 x 5344 Pixel (16 shot)	3x14 bit RGB 4080 x 4080 Pixel (1/4 shot) 8160 x 8160 Pixel (16 shot)
File size:	18 MB ( 1-shot 24 bit) to 144 MB (16-shot, 48 bit)	31 MB (1-shot 24 bit) to 244 MB (16-shot 48 bit)	48 MB (1-shot 24 bit) to 381 MB (16 shot 48 bit)
Sequence:	High Quality One Shot, approx. 1 image per second	High Quality One Shot, approx. 1 image every 2 seconds	High Quality One shot, approx. 1 image every 2,5 seconds
Dimensions (HxWxD):	76 x 90 x 67 mm		
Weight:	590 g		
Exposure Times:	1/1000 to 32 seconds		
Release Modes:	shutter release on camera body and computer		
Software:	stand-alone software for Macintosh, optimised memory handling, supports ICC profiles, offline- and batch processing, workflow-oriented processing		
Computer interface:	firewire cabel (10m)		
Adapter:	Contax 645, Hasselblad, Mamiya 645, Mamiya 645 AF, Mamiya RZ, Rollei 6008 integral, Rollei 6008E, Rollei 6003 professional, Rollei 6001 professional, Zensa Bronica ETR, Fuji GX 680, Horseman Digiflex; with Hasselblad adapter to most of the view cameras		
System Requirements	Apple G4 with AGP graphicsboard or Apple Powerbook G3 or better/ higher, Mac OS 9.0 or better/ higher; firewire interface, 24 bit graphicsboard, RAM: depending on model		

### Plaubel PL 69 D:

Shift	horizontal +/- 25 mm vertikal +35 mm / -25 mm
Tilt	horizontal +/- 25° vertikal +/- 25°
Weight	4,2 Kg (ohne Rückteil und Objektiv)
Features	<ul style="list-style-type: none"> <li>- compact and extremely stabile view camera, specially designed for the use of digital backs.</li> <li>- ergonomic controls with fine adjustment and zero positioning for vertical and horizontal shifting, focussing and panoramic swinging. All control knobs on one side, choice between left-hand or right-hand side (right- or left-hander) possible.</li> <li>- extreme stability through Peco Profia L-Standard system with basic- and central adjustment for focal lengths 24 mm and above with optional wide-angle accessory.</li> <li>- Connection of the Jenoptik eyelike back with Hasselblad adapter, which allows the additional use of the camera back in combination with a medium format camera. Optional one can use a slider with Hasselblad connection and focussing screen adapter.</li> <li>Horizontal and vertical shift/tilt in the pixel plane of the CCD Sensors.</li> <li>- Optional safety locks of the digital back or of the optics to avoid damage after unintentional unlocking.</li> <li>- The use of the complete range of Digital lenses from</li> </ul>

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	Schneider/Kreuznach (12 focal lengths from 24mm to 150 mm in Schneider Electronic 0 shutter) on wide-angle or standard lens panels is possible.
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## Schneider Kreuznach:

Schneider Electronic Shutter	
Size:	0
max./min Aperture:	23 mm / 1,6 mm
Shutter speed:	1/60 – 32 sec.
F-stop range:	7 f-stops + 7/10
Interface:	Serial
Power supply:	Mains adapter
Diameter:	80 mm
Height:	24,2 mm
Weight:	120 g
In the future available for all Digitar lenses.	

Lenses	Image-circle diameter	Field angle
Apo-Digitar 5,6/24 XL-100°	60 mm	100°
Apo-Digitar 5,6/35 L-88°	70 mm	88°

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