

## MINI35 Technical Information

### The Technology behind it

The Image Converter resolves the 35mm image from the lens onto a ground glass located at the position of the traditional film plane. The image is then optically frozen, down-scaled and transmitted to the camera's CCDs. You can use the converter relay lens' own iris or the camera's iris to control the amount of light coming through the system without affecting the depth-of-field. This gives you new creative freedom, unknown before on digital cameras.

#### Depth of field with MINI35 and 35mm lens



#### MINI35 Shoulder Set

More comfort for beautiful shoulder shots: The pad clips on firmly where you need it and stays there. A hand grip system can be attached.



#### Interchangeable Mount System (IMS)

P+S TECHNIK offers eight different IMS mounts to be used with the MINI35 Image Converter: PL, Nikon F, Panavision, Canon EF and FD, BNC-R and Leica-R. New is the re-design Professional F Mount with clamp ring for maximum stability.



© Picture by Filippo Chiesa

### Key Features

- ➔ Optimized for 35mm film lenses  
motion and still photography lenses
- ➔ Virtually the same depth-of-field, focus and angle-of-view as with a 35mm film camera
- ➔ Interchangeable Mount System (IMS)
- ➔ Adjustable ground glass speed
- ➔ Low noise level



MINI35 with Canon camera



MINI35 with JVC camera



MINI35 with Panasonic camera



MINI35 with Sony camera

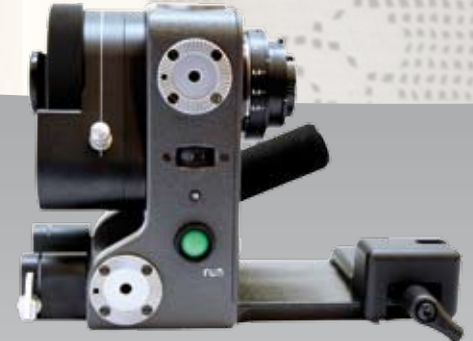


#### 35Digital Lens Set

These Nikon F mounted set of lenses consists of an 18 mm/T3.5, 25 mm/T2.8, 35 mm/T2.0, 50 mm/T1.4 and an 85 mm/T1.4. P+S TECHNIK re-housed high quality Zeiss lenses to fit them into the existing world of film and video accessories like follow focus, lens and matte boxes. Scales are available in meter and feet.

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### MINI35 '400' Modular

The MINI35 '400' was the start for a whole product range of P+S TECHNIK Image Converters and because of its high quality design and maximum modular product structure, it has proved itself as a very time-enduring product. Consisting of a basic unit and the connecting kits to attach different camcorders, the MINI35 has already been adapted to more than fifteen different camcorder models.

- ➔ Uses the P+S TECHNIK Interchangeable Mount System
- ➔ Time enduring through modularity, connects to many different camcorder models (MINI35 400)
- ➔ Easy maintenance

#### Connecting Kits for MINI35 400

The MINI35 400 Connecting Kit consists of a relay lens to connect the converter with the camcorder, mounting plate, battery holder and a remote control cable. A selection of compatible camcorders: Canon XL H1, XH A1/G1, JVC GY-HD251/250, Panasonic AG-HPX170, AG-HVX200, Sony PMW-EX1, HVR-Z7, -V1, -Z1, HDR-FX1, HXR-NX5

Complete listing can be found on our website [www.pstechnik.de](http://www.pstechnik.de)

### MINI35 Compact

The new MINI35 Compact combines the market proven features of the MINI35 '400' model with redesigned optical elements into a more compact and lightweight housing, especially for video cameras with a detachable lens.

- ➔ Very light sensitive (only 1/2 stop light loss Compact)
- ➔ Light weight and compact design
- ➔ Power supply via camera, no extra battery needed
- ➔ Uses the P+S TECHNIK Interchangeable Mount System
- ➔ Camera needs no modification, just mount the MINI35 Compact and a 35mm lens to your 1/3" video camera

#### MINI35 Compact compatible camcorder

The MINI35 Compact is currently available for the following camcorder:

Canon XL H1, XH A1/G1, JVC GY-HD251/250, HM700, Panasonic AG-HPX300/301

Complete listing can be found on our website [www.pstechnik.de](http://www.pstechnik.de)

## Specifications

### for MINI35 400

### for MINI35 Compact

MINI35 Compact camera mount	Via relay lens	Same as camera lens mount
MINI35 Compact lens mount	P+S TECHNIK Interchangeable Mount System	P+S TECHNIK Interchangeable Mount System
Tuning for shooting sensor	Back focus	Back focus
Frame position	Upright, emulsion side up	Upside down, mirror reversed
MINI35's iris diaphragm (behind lens)	Built-in for light reduction	Built-in for light reduction
Ground glass frequency, eccentric	Variable speed	Variable speed
Current consumption	300 mA / 7,2 V	300 mA / 7,2 V
Power supply	Same battery type as camera 7,2 - 12 V	Same battery type as camera 7,2 - 12 V
Length (without camera and lens)	345 mm	220 mm
Weight (without camera and lens)	2550 gr. / 5.62 lbs	1800 gr. / 3.97 lbs
Best operating temperature	0 - 50° C	0 - 50° C