

New: Shutter Control ES for Schneider Electronic Shutter

Precision and comfort for digital and analog photography

SCHNEIDER-KREUZNACH has developed an electronically controlled shutter for professional photography with digital lenses and digital backs in order to meet the increased demands for greater precision in digital photography. The new development allows photographers to make extremely precise settings and also provides an ease of operation which lets them concentrate fully on creative aspects. This "Electronic Shutter" was previously only available for Jenoptik Eyelike digital backs and Imacon digital backs whose software controlled and triggered the shutter via computer. With the new Shutter Control ES, the Electronic Shutter can now be used with all other digital backs as well as for analog photography. The Shutter Control ES comes supplied with a set of rechargeable NiMH batteries and a mains adapter/charger at a very reasonable price. Connection cords are available for a number of different digital backs or can be connected via a Hasselblad adapter. A PDF file with simple drawings and order numbers (please see the following sample) is available on the Internet and can be downloaded from www.schneider-kreuznach.com/foto_e/zubehoer_digital.htm#esc. It shows which cord is required for which digital back and how it is connected.

The Schneider Electronic Shutter offers a number advantages over the mechanical shutters previously used which were taken over from analog photography: First, it is more precise. Second, it has a remote control feature either via the connected computer with Eyelike and Imacon backs or also by the photographer behind the camera with these or other digital backs as well as with analog cameras using the new manual Shutter Control ES. Third, it provides a much wider setting range and new functions for the control of the depth of field and for extremely long exposure times. The Schneider Electronic Shutter comes in size 0 which is compatible with all Digitar and Apo-Digitar lenses from SCHNEIDER-KREUZNACH and with many other lenses currently being used with size 0 shutters from the Compur, Prontor-Professional or Copal ranges. The time setting range goes from 1/60 s to 32 s and even up to 12 hours with the new Shutter Control ES. The aperture can also be set very precisely in steps of 1/10 f-stops between maximum and smallest aperture of the respective lens. This allows full use of the exposure control which has been further increased by the histogram function (in order to avoid noise in shadow areas and the exceeding of the saturation limit in the light areas).

The Shutter Control is supplied with a detailed and lavishly illustrated bilingual instructions booklet (left hand column German; right hand column English; button and display graphics in the center) which also shows all the connection cords (with order numbers) required for the different digital backs as well as for analog professional cameras.

The illustrations shown on the following page have been taken from the Schneider Shutter Control instructions booklet and are also available as printable EPS vector graphics.

For continuation
and photos see page 2



Specifications

Shutter speeds	1/60 s ... 32 s, B, T w/o Control ES
	1/60 s ... 12 h, B, T with Control ES
F-stop increments	1/10 steps over the full range
Display	4x20 alphanumerical characters
Release frequency	≤ 3 Hz with fast shutter speeds
Akkumulatoren	3x 1.2 V AA NiMH
Mains voltage	100 V ... 240 V AC
Mains current	≤ 170 mA
Charging voltage	7,5 V DC
Charging current	≤ 800 mA
Charging time	≤ 5 h
Working time	≈ 8 h depending on kind of use
Working temp.	0 °C ... 50 °C
Storing temp.	-20 °C ... 70 °C
Relative humidity	20 % ... 80 % non condensing

◀ The Schneider Shutter Control ES at half its true size. The display shows that release via the Control ("Key") has been activated, that the shutter speed has been set to 1/60 s and the aperture to 16 plus 5/10 (adjustable with the HG down/up key). The left hand soft key (upper left hand key "LCD") opens the shutter for a live image or for a screen view ("Open") and the shutter can be released ("Release") using the right hand key (upper right hand key "LCD"). The battery symbol at the center of the last line shows "almost full".

▼ Schneider Shutter Control ES at the Jenoptik Eyelike Precision digital back. The connection of other digital backs, with their order numbers, is shown in the same way in the operating instructions.

