



LEICA DIGITAL-MODUL-R

Technical Data



Product	LEICA DIGITAL-MODUL-R
Order No.	14 439
Type	Digital module (digital camera back), fully compatible with LEICA R8 and R9 cameras that can easily be attached by the photographer him- or herself.
Lenses	Nearly all Leica R lenses, as well as the earlier LEICAFLEX/SL/SL2 lenses with subsequently installed R control cams can be used.
Image sensor	3872 x 2576 pixel (10 Megapixel) CCD chip, active surface 26.4 x 17.6 mm, focal length extension factor : 1.37
Sensitivity	ISO 100 to ISO 1600
Storage medium	SD storage card up to 2 GB ; larger SD card with firmware update.
Data formats	DNG (raw data), TIFF, 2 JPEG compression steps
Color domains	Adobe RGB, s RGB
Resolution (pixels)	3872 x 2576, 2576 x 1712, 1936 x 1280, 1280 x 848
White balance	automatic, manual, 6 pre-settings, color temperature input
Display	Black-and-white display shows the following settings : exposure counter, ISO, exposure correction, battery condition, selftimer, compression, resolution, moiré on/off, white balance.
Menu	Sharpness, color saturation, contrast, picture numbering, color display contrast, color display brightness, auto review duration, histogram on/off, energy conservation possibilities, card formatting, alarm signals, audio histogram on/off, date, time, user profile, firmware update, reset.
Menu languages	German, English, French, Spanish, Italian, Japanese, Dutch
Interface	IEEE 1394 FireWire
Power supply	Rechargeable lithium-ion battery, 7.4 V, 1800 mAh, universal charger 100–240 V, 50/60 Hz.
Color monitor	1.8" color LCD with 130,338 pixels
Shutter winding	motorized, assisted by the power unit
Color depth	16 bit
Data size	RAW : 21 Mbyte, TIFF : 29/58 Mbyte
Software	Adobe Photoshop Elements 3 (Mac/Win)
Maximal exposure time	16 s
Exposure series	2 pictures/s, maximum is 10 pictures per series.
Items supplied with the LEICA DIGITAL-MODUL-R	Power unit for winding the shutter and for energy supply ; Universal focusing screen with outline of subject area covered in digital applications ; tool for removing the standard camera back ; lithium-ion battery 7.4 V/1800 mAh ; universal battery charger 100-240 V with mains adapter plugs (Euro, UK, USA) ; charger cable for connections to 12 V and 24 V automobile outlets ; 512 MB SanDisc Ultra II SD Card ; case for storing the LEICA DIGITAL-MODUL-R, FireWire cable with adapter (4 poles or 6 poles), Adobe Photoshop Elements 3 (Mac/Win).
Operating conditions	0°C to +40°C (+32° F to +104° F)
Dimensions (W x H x D)	when attached to a LEICA R9 : 158 x 140 x 89 mm (6¼ x 5½ x 3½ in)
Weight	Digital Modul R with power unit and battery : 725 g (25½ oz) ; attached to a LEICA R9 : 1395 g (just over 49 oz).
Accessories	Mains power supply unit for battery-independent operation of the LEICA DIGITAL-MODUL-R Order No. 14 452 Lithium-ion battery 7.4 V/1800 mAh (as a replacement) Order No. 14 447 Uniform ground glass screen with frame for Digital-Modul-R Order No. 14 393 Microprism screen with frame for Digital-Modul-R Order No. 14 394 Uniform ground glass screen with grid division with frame for Digital-Modul-R Order No. 14 395 Universal focusing screen (as a replacement) with frame for Digital-Modul-R Order No. 14 392 Universal charger (as a replacement) Order No. 14 449