



Clifton Cameras Product Specification

Leica M11 Monochrom

Specifications

Camera type Digital system camera with rangefinder

Type No. 2416

Order No. 20208 (EU/US/CN), 20209 (JP), 20210 (ROW)

Buffer memory 3GB

DNG™: 15 shots

JPG: > 100 shots

Storage medium UHS-II (recommended), UHS-I, SD/SDHC/SDXC memory card (SDXC cards up to 2TB)

Internal memory: 256GB

Material Full-metal housing made of magnesium and aluminum, leatherette cover

Lens mount Leica M bayonet with additional sensor for 6-bit encoding

Operating conditions 0°C to +40°C

Interfaces ISO accessory shoe with additional control contacts for Leica flash units and Leica Visoflex2 viewfinder (optional accessory) USB 3.1 Gen1 Type-C

Tripod thread A 1/4 DIN 4503 (1/4") with stainless steel in the base

Weight Black: approx. 542g/461g (with/without battery)

Sensor

Sensor size Monochrome BSI CMOS sensor, pixel pitch: 3.76µm, 35mm: 9528x6328 pixels (60.3MP)

Processor Leica Maestro series (Maestro III)

Filter UV/IR filter, no low-pass filter

File formats DNG™ (raw data, loss-free compression), DNG + JPG, JPG (DCF, Exif 2.30)

Image resolution	DNG™	L-DNG 60.4MP	9536x6336 pixels
		M-DNG 36.6MP	7424x4936 pixels
		S-DNG 18.5MP	5280x3506 pixels
	JPG	L-JPG 60.1MP	9504x6320 pixels



M-JPG 36.2MP 7392x4896 pixels

S-JPG 18.2MP 5248x3472 pixels

The entire sensor surface will always be used irrespective of format and resolution.

Digital Zoom 1.3x and 1.8x available (always based on L-DNG or L-JPG)

File size	DNG™	L-DNG	approx. 70–120MB
		M-DNG	approx. 40–70MB
		S-DNG	approx. 20–40MB
	JPG	L-JPG	approx. 15–30MB
		M-JPG	approx. 9–18MB
		S-JPG	approx. 5–9MB

JPG: depending on resolution and image content

Color depth DNG™: 14bit, JPG: 8bit

Color space sRGB

Viewfinder/LCD panel

Viewfinder Large, bright-line rangefinder with automatic parallax compensation, suitable for -0.5dpt, optional corrective lenses available: -3 to +3dpt

Display Four-digit digital display with items show on the top and bottom, Image field limiter: two lit frames: 35mm + 135mm, 28mm + 90mm, 50mm + 75mm (automatic switchover when lens is attached)

Parallax compensation The horizontal and vertical difference between viewfinder and lens is compensated automatically in line with the relevant focus setting. Congruence of viewfinder and actual image. The size of the bright-line frame matches the distance:

- at 2m: the exact sensor size of approx. 23.9x35.8mm
- at infinity: (depending on focal length) approx. 7.3% (28mm) to 18% (135mm)
- less than 2m: less than sensor size

Viewfinder magnification 0.73x (all lenses)

Large-base rangefinder Split or superimposed image rangefinder shown as a bright field at the center of the viewfinder image

LCD panel 2.95" (Active Matrix TFT), sapphire glass, 2332800 dots, format 3:2, Touch control available

Shutter

Shutter type Electronically controlled focal plane shutter and electronic shutter function

Shutter speeds Mech. shutter: 60min to 1/4000s



Electro. shutter function: 60s to 1/16000s

Flash Synch: up to 1/180s

Optional noise reduction via additional "black picture" (can be disabled)

Shutter button Two-stage

(Step 1: activation of the camera electronics including exposure metering and exposure lock, Step 2: release)

Self-timer Delay time: 2s or 12s

Drive Mode Single

 Continuous - Low Speed (3fps)

 Continuous - High Speed (4.5fps)

 Interval shooting

 Exposure Bracketing

Focusing

Focus range Rangefinder: 70cm to ∞

Live View: depending on the attached lens

Focus mode Manual (focus assist functions Magnification and Focus Peaking available)

Exposure

Exposure metering TTL (exposure metering through the lens), with working aperture

Metering principle Exposure metering is done by the image sensor for all exposure metering methods (in Live View mode and in rangefinder mode)

Exposure metering methods Spot, Center-Weighted, Highlight-Weighted, Multi-Field

Exposure modes Aperture priority mode (A): automatic shutter speed control with manual aperture preselection

Manual (M): manual setting for shutter speed and aperture

Exposure compensation ± 3 EV in 1/3EV increments

Automatic bracketing 3 or 5 frames, graduations between shoots up to 3EV, in 1/3EV increments, additional optional exposure compensation: up to ± 3 EV

ISO sensitivity range Auto ISO: ISO 125 (native) to ISO 200000, also available in flash mode

Manual: ISO 125 to ISO 200000

Flash

Flash unit connector Via the accessory shoe



Metering principle Flash exposure metering is done by the image sensor for all exposure metering methods (in Live View mode and in rangefinder mode)

Flash sync time : 1/180s, slower shutter speeds available, automatic switchover to TTL linear flash mode with HSS-compatible Leica system flash units if sync time is undercut

Flash exposure metering Using center-weighted TTL pre-flash metering with Leica flash units (SF26, SF40, SF58, SF60, SF64) or with system compatible flash units, remote controlled flash SFC1

Flash exposure compensation SF40: ± 2 EV in 1/2EV increments

SF60: ± 2 EV in 1/3EV increments

Other: ± 3 EV in 1/3EV increments

Displays in flash mode (in the viewfinder only) Flash icon: connection of an external flash unit

Equipment

WLAN The Leica FOTOS app is required to use the WLAN function. The Leica app is available from the Apple App Store™ or the

Google Play Store™. 2.4 GHz/5GHz* dual band IEEE802.11 a/b/g/n/ac Wave2 WLAN (standard WLAN protocol), encryption method: WLAN-kompatible WPA™/WPA2™, access method: infrastructure mode

Regional variant

Wi-Fi 5GHz 11a/n/ac: Channel 149–165 (5745–5825MHz)

Wi-Fi 2.4GHz 11b/g/n: Channel 1–11 (2412–2462MHz)

Bluetooth Bluetooth v4.2 BR/EDR/LE, BR/DR-channel 1-79, LE-channel 0-39 (2402–2480MHz)

GPS Geotagging via Leica FOTOS app using Bluetooth

Menu languages English, German, French, Italian, Spanish, Russian, Portuguese, Japanese, Traditional Chinese, Simplified Chinese, Korean

* Unavailable for regional variant "ROW".

Power supply

Rechargeable battery (Leica BP-SCL7) Li-Ion (Lithium-Polymer) rechargeable battery, rated voltage: 7.4V / capacity: 1800mAh, Charging voltage/current: DC 1000mAh, 7.4V, operating conditions: +10°C to +35°C (charging) / +0°C to +40°C (discharged), manufacturer: Fuji Electronics (Shenzhen) Co., Ltd. made in China

Approx. 700 shots (in accordance with CIPA Standard in rangefinder mode), up to approx. 1700 shots (Leica adapted shooting cycle)

Charger (Leica BC-SCL7) Input: USB-C DC 5V, 2A, output: DC 8.4V, 1A, operating conditions: +10°C to +35°C, manufacturer: Dee Van Enterprises Co., Ltd., made in China

Switching adapter (Leica ACA-SCL7) Input: AC 110V - 240V ~ 50/60Hz, 0.3A, output: DC 5V, 2A, operating conditions: +10°C to +35°C, manufacturer: Dee Van Enterprises Co., Ltd., made in China

USB power supply When in standby mode or Off: USB charging function

When On: USB power supply and intermittent charging