



## Technical Data

## LEICA M-P

(We reserve the right to make technical changes)

### Product

Unique Product

Name:

LEICA M-P (Typ 240), black paint finish  
LEICA M-P (Typ 240), silver chrome finish

Camera type:

Compact digital view- and rangefinder system still and video camera

Lens mount:

Leica M bayonet with additional sensor for 6-bit coding

Lens system:

Leica M lenses, Leica R lenses with optional Leica R-Adapter M

Top Cover:

Milled brass top cover with integrated thumb rest

Material:

All-metal case made of die-cast magnesium; synthetic leather covering.

Cap and base plate made of brass

Image Sensor:

LEICA MAX 24 MP CMOS Sensor

Number of effective Pixels:

24 Million Pixels

Sensitivity range:

ISO 200 – ISO 6400, Pull 100 available, Auto ISO

Imaging Platform:

Integrated imaging circuit with Leica Maestro® Image processor

Electronic Viewfinder:

Optional available, can be used for Live View and Play functionality

LCD Monitor:

3" TFT Display with 920.000 Pixels, scratch resistant cover glass made of sapphire glass

Shutter:

Dual type focal plane shutter for classic image exposure and Live view

Shutter Speed:

1/4000s – 60s (in Bulb), 1/180s flash synchronization

Burst rate:

3fps (until buffer of 2 GB is filled)

Self timer:

2s / 12s

Storage Media:

SD / SDHC / SDXC Memory Cards

### Imaging functions

Image File Format:

DNG™ (RAW data uncompressed or lossless compressed), JPEG

File Size:

DNG approx. 20 Mbyte – approx. 30 Mbyte (compressed)/ 48,2 MByte (uncompressed), JPEG: Resolution and image content dependent

Available JPG

Resolutions:

5952px\*3976px (24 MP), 4256px\*2832px (12 MP)/ 2976px\*1984px (6MP) / 1600px\*1080px (1,7MP)

Color Spaces:

sRGB / Adobe®RGB

White Balance:

Auto / Daylight / Cloudy / Shadow / Tungsten / Fluorescent warm /Fluorescent cool / Flash / Manual (Greycard) / Kelvin 2000-13100



Other functions:	Film Modes, Saturation, Contrast, Sharpening
<b>Movie recording</b>	
Movie Recording:	Single frame video compression (Motion JPG), Quicktime format (mov)
Movie resolution:	1080p, 720p, 640*480 (VGA)
Movie sampling rate:	25 fps, 24 fps, 30 fps (VGA only)
Microphone:	Mono, stereo microphone adapter optional available
Audio recording:	Auto level adjustment, manual level adjustment (available while recording), concert preset
<b>Exposure Control</b>	
Exposure Metering:	In classic viewfinder mode: Through the Lens (TTL) metering, center weighted with variable aperture. In Live View and advanced viewfinder mode: Through the Lens (TTL) metering, center weighted, spot or multifield measuring. Center-weighted TTL metering for flash exposure with system conformant SCA-3000/2 standard flash units.
Exposure setting:	Manual shutter speed setting with direct dial, A-Mode with direct dial
Exposure Modes:	Automatic shutter speed (A-Mode), Manual Exposure (M-Mode)
Exposure:	
Compensation:	-3 EV to +3 EV, 1/3 f-stops
Exposure Bracketing:	3/5 frames, 0.5 / 1 / 2 / 3 f-stops
<b>Flash exposure Control</b>	
Flash exposure metering:	Control with center-weighted TTL pre-flash metering (with SCA-3501/3502 adapter, or SCA-3000 standard flash unit such as Leica SF 24D/Leica SF 58).
Hot shoe:	SCA-3502 compatible hot shoe, with center contact
Flash Synchronization:	Optional triggered at first or second shutter curtain
Flash Synch time:	1/180s
<b>Viewfinder / Focusing</b>	
Focusing Methods:	Manual focus with optical rangefinder, Live View, 100% Live View Zoom, Live View focus peaking
Optical Viewfinder:	Large, light bright-line rangefinder with automatic parallax compensation, LED illuminated frame lines.
Optical Viewfinder frame lines:	Framelines size matches image sensor size at 2m focusing distance. Image field selector for manual frame selection
Optical Viewfinder correction:	Eyepiece adjusted to -0,5 dpt. Corrective lenses from -3 to +3 dpt. available (optional)
Optical Viewfinder Magnification:	0,68x



## Optical Viewfinder

Displays: In the viewfinder LED symbol for flash status (at bottom).  
Four-digit seven-segment LED digital display, brightness adapted to ambient conditions, for: Warning in case of exposure correction; display of automatic shutter speed in automatic mode; advisory indicating use of metering memory lock LED exposure monitor with two triangular and one central circular LED with manual exposure setting

Rangefinder: Split or superimposed image range finder shown as a bright field in the center of the viewfinder image

Rangefinder effective metering Basis: 47.1 mm (mechanical metering basis 69.25 mm x viewfinder magnification 0.68 times)

## Others

Power Supply: Li-ion battery (included), 7.4V, 1800 mAh

Horizon: Yes

User Profiles: 4 Profiles, exportable

Sensor cleaning: Dust detection, manual cleaning function

Tripod Thread: A 1/4 (1/4") DIN made of stainless steel in base plate

Dimensions: approx. 139 x 42 x 80 mm  
(5,5 x 1,7 x 3,1 in.)

Weight: 680 g (23.9 oz)

Operating Temperature: 0°C – 40°C

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

Accessories Included: Battery, Charger with power cables for EU and USA (different in some export markets), 12V charging cable, Carrying strap, Accessory port cover, Body cap

## Software licenses

Supplied: Adobe® Lightroom®

Optional accessories: Electronic Viewfinder (EVF-2), Multi-functional Handgrip M, Handgrip M, SCA Adapter Set for Multi-functional Handgrip M, Power Adapter for Multi-functional Handgrip M, Finger loop for Multi-functional Handgrip M, Size S / M / L, Leica Microphone Adapter Set, Leica M-Adapter R, Ever-Ready Case M, Li-ion Battery BP-SCL2, Battery charger BC-SCL2