



# LEICA M11-D

KURZANLEITUNG  
QUICK START GUIDE  
MODE D'EMPLOI SUCCINCT  
BEKNOPTE HANDLEIDING  
GUIDA RAPIDA  
INSTRUCCIONES ABREVIADAS

간단 사용 설명서

КРАТКАЯ ИНСТРУКЦИЯ

クイックスタートガイド

简要说明

簡易說明書

PANDUAN RINGKAS

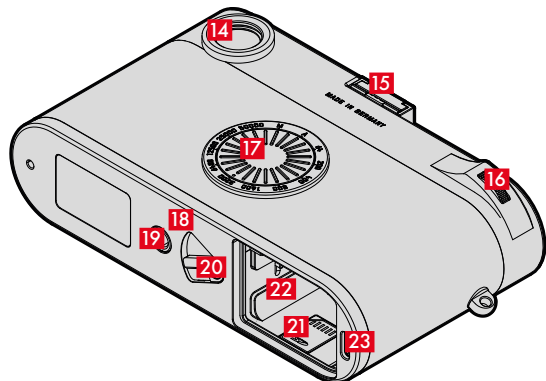
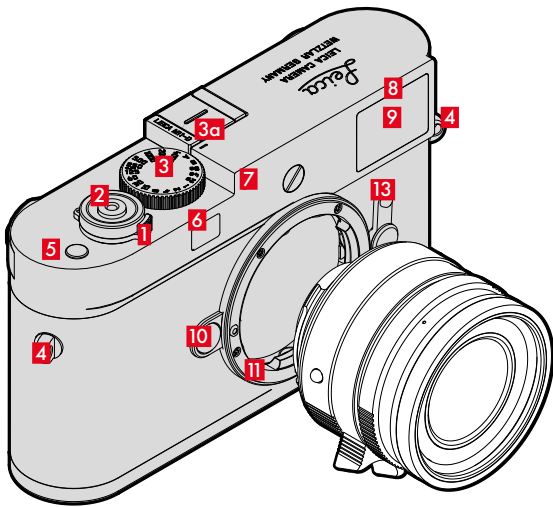
전파법(제47조외2)에 따른 전자파유출 등급

## 1등급

- 본 단말기의 전자기 위해 흡수율은 과학 기술정보통신부 전자기 안전보호 기준에 적합합니다.
- SAR 수치 및 등급기준에 관한 상세한 정보는 [www.fttc.go.kr](http://www.fttc.go.kr) 또는 제조사 홈페이지에서 확인하실 수 있습니다.

전자파흡수율: 0,0811 W/kg

# PART DESIGNATIONS



## 1 Main switch

Switching the camera ON/OFF

## 2 Shutter button

Tap:

– Activating exposure metering and exposure control

Press down fully:

– Shutter release

in standby mode:

– The camera is reactivated

## 3 Shutter-speed dial with stop positions

– **A:** Automatic shutter speed control

– **Bs - 4000:**

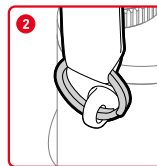
Shutter speeds by turning the thumbwheel (incl. intermediate values)

– **B:** Long-term exposure

– **⚡:** Flash sync speed (1/180 s)

**a** Index

## 4 Strap lugs



## 5 Function button

– See the **SETTINGS** table

## 6 Rangefinder window

## 7 Brightness sensor

## 8 Self-timer LED

– Illuminates red during sensor cleaning

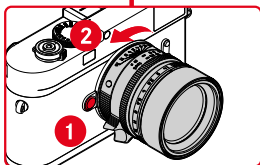
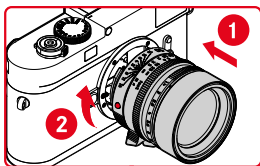
– Flashes red for 10 sec. after successful sensor cleaning

– Flashes red (1 Hz) for the first 10 sec. when the self-timer is active

– Flashes red (4 Hz) for the last 2 sec. before shooting when the self-timer is active

## 9 Viewfinder window

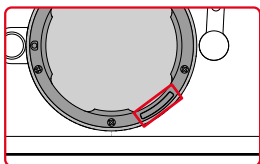
## 10 Lens release button



## 11 Bayonet

## 12 6-bit encoding

Sensor for lens detection



## 13 Image field selector

Selection of bright-line frame pairs 35/135 mm, 50/75 mm and 28/90 mm

## 14 Viewfinder eyepiece

## 15 Accessory shoe

## 16 Thumbwheel

– See the **SETTINGS** table

## 17 ISO focusing screen

- **A**: Automatic ISO sensitivity control
- **64 - 50000**: Fixed ISO values
- **M**: Adjustment via thumbwheel (change can be displayed in Visoflex 2 or viewfinder)
- For more settings see the **SETTINGS** table.

## 18 Status LED

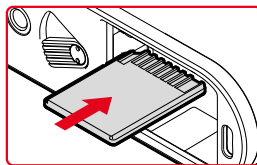
- **Illuminates red**: Memory access/image processing
- **Flashes red (2 Hz)**: Active saving process
- **Flashes blue (2 Hz)**: Ready for pairing
- **Flashes blue (0.25 Hz)**: active connection via Wi-Fi or cable (to Leica FOTOS or PC)
- **Flashes blue 5x + green for 5 sec.:**  
Connected
- **Flashes blue 5x + illuminates red for 5 sec.:**  
Disconnected
- **Flashes green (0.5 Hz)**: Active charging process
- **Flashes green (2 Hz)**: Charging error
- **Illuminates green**: Battery completely charged

## 19 Tripod thread

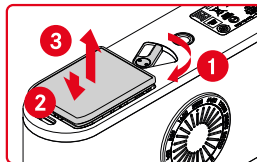
A 1/4, DIN 4503 (1/4")

## 20 Battery release lever

## 21 Memory card slot



## 22 Battery compartment



## 23 USB-C socket

The battery in the camera can be charged automatically when the camera is connected to a computer or other suitable power source via a USB cable.

### Note

- The camera can be charged when it is in standby mode or switched off. To protect the battery, the charging process is interrupted if the camera is overloaded when on. The charging process starts automatically.

# DISPLAY

## VIEWFINDER

The bright-line frame rangefinder of this camera is not only a particularly bright viewfinder, but also a lens-coupled rangefinder. All Leica M lenses with focal lengths between 16 and 135 mm are coupled automatically.

**35/135 mm**

**50/75 mm**

**28/90 mm**



**A** Bright-line frame of displayed focal lengths

**B** Metering field for focusing

**C** 8888

- Automatically calculated shutter speed with aperture priority **A** or shutter speeds slower than 1 sec.
- Warning before exceeding/falling below the metering or setting range with aperture priority **A**.
- Exposure compensation value (for a short time during adjustment)
- Fixed ISO value display

\* (Permanent) When the metered value is saved

. (Flashing) During exposure compensation

▶ ● ◀

When manually setting the exposure:

- Together as a light balance for exposure compensation.
- Triangular LEDs indicate the direction of rotation required for balancing both the aperture ring and the shutter speed dial.

⚡ Flash standby

Con Connection standby

Con on Connectivity on

Con off Connectivity off

Con 2.4 Wi-Fi 2.4 GHz

Con 5 Wi-Fi 5 GHz

PtP USB mode PTP

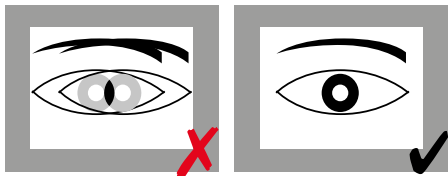
APP	USB mode MFi
UP	Firmware update active
UP Err	Error during firmware update
Sd Err	Error accessing the memory card
Sd FULL	Memory card full
Int FULL	Internal memory full
Cr on	Leica Content Credentials active
Cr off	Leica Content Credentials inactive
Sd1	SD preferred (memory card is written to first until capacity is reached)
bUP	Backup (duplicate in both memory locations)
SPI	Split 1 (DNG in internal memory, JPG on memory card)
SP2	Split 2 (DNG on memory card, JPG in internal memory)
Int1	Internal memory preferred (internal memory is written to first until capacity is reached)
Int off	Internal memory deactivated
bc	Battery capacity below 20%
Auto	Automatic ISO setting
3200	Example for selected ISO setting

### Note:

- Other displays are found in the operating instructions.
- In some cases, not all letters are displayed at the same time. They are displayed one after the other for as long as the display is active.

## FOCUSING

### SUPERIMPOSED IMAGE METHOD (DOUBLE IMAGE)



### SPLIT IMAGE METHOD



## LEICA FOTOS

Leica Photos offers additional functions and the option to control the camera remotely with a smartphone/tablet. For this, the “Leica FOTOS” app must first be installed on the mobile device.



Download on the  
App Store

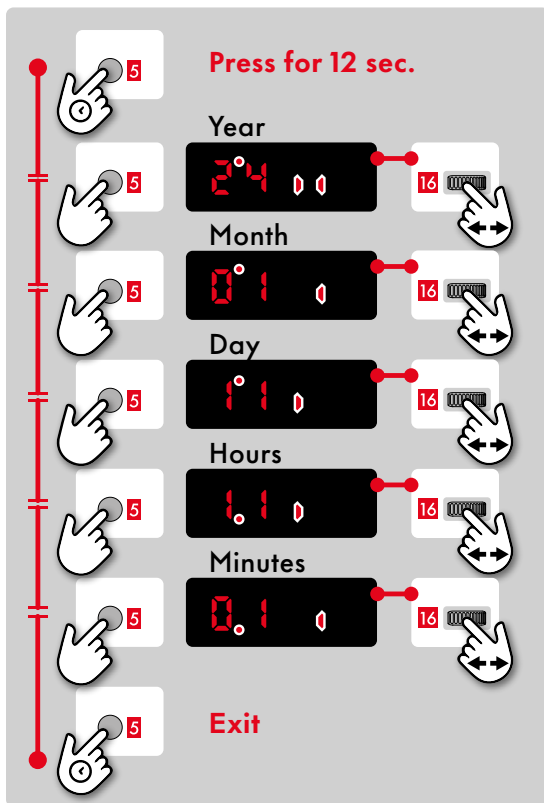
GET IT ON  
Google Play

## DATE/TIME

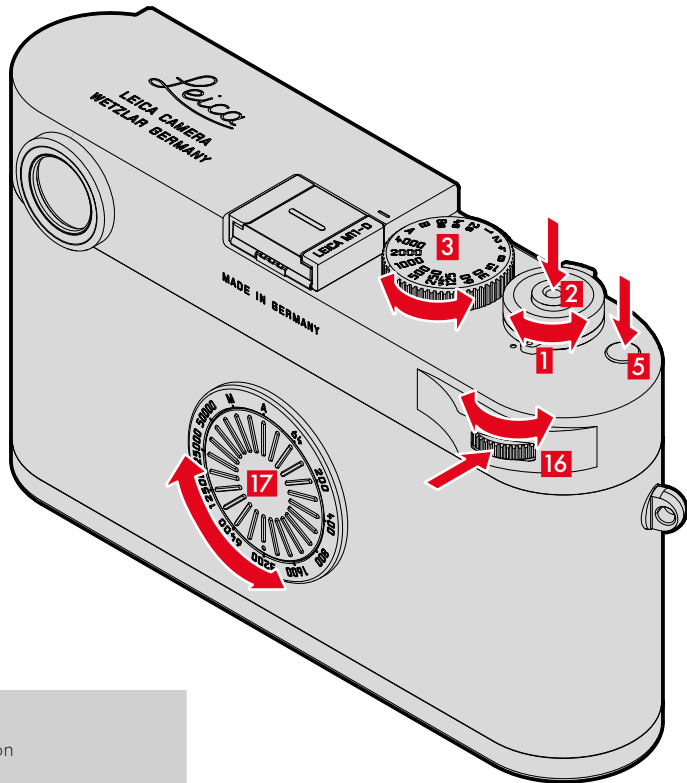
### SETTINGS VIA MOBILE DEVICE

It is possible to obtain the date and time settings automatically from the mobile device. The settings are synchronized each time the device is paired. The pairing process is described in the “Leica FOTOS” chapter in the operating instructions.

### SETTING MANUALLY



# SETTINGS



## Factory settings

**Lens type:** Automatic detection

**Shooting mode:** Frame

**Exposure metering:** Multi-pattern

**M-ISO:** AUTO

**Max. auto ISO:** 3200

**Auto ISO shutter speed limit:** 1/4f

**White balance mode:** Automatic

**File format:** DNG

**Connectivity:** OFF

**Memory options:** SD first

**USB mode:** PTP

**Leica Content Credentials (CCI):** ON

## Date and time

→ Press and hold function button **5** for 12 sec. to set the date and time (see the diagram for setting the time and date).

### Note:

When the camera is connected to Leica FOTOS, the date and time setting is automatically updated according to the setting on the device (smartphone).

## M-ISO setting

- Turn ISO setting disk **17** to the M mark.
- Press thumbwheel **16** until the ISO value is displayed in the viewfinder.
- Turn thumbwheel **16** to adjust the value.

## Changing the shutter speed

- Set the shutter speed dial **3** to B.
- Press thumbwheel **16** until the shutter speed is displayed in the viewfinder.
- Turn thumbwheel **16** to adjust the value.

## Exposure compensation

- Press thumbwheel **16** if the M-ISO setting has already been used.
- Turn thumbwheel **16** to adjust the value.

## Toggle to view information in the viewfinder

Press function button **5**.  
Remaining photos  
Remaining battery charge in %  
USB mode  
Memory mode  
Connectivity  
Leica Content Credential  
Wi-Fi mode (5 GHz/2.4 GHz)

## Leica Fotos

- Press thumbwheel **16** for 12 sec., switch connectivity on or off.
- Press and hold function button **5** for 5 sec. to start pairing.

### Note:

Automatically activates the connection mode when it is switched off.

- Press and hold thumbwheel **16** and function button **5** for 10 sec. to delete all paired devices.

## Cleaning the sensor

- Press and hold function button **5** and then press shutter release **2**.

### Note:

Function is only available without lens attached.

## Resetting the camera to factory settings

- Press and hold thumbwheel **16** and function button **5** for 30 sec. to reset the camera to factory settings.

## Firmware update

- Insert the SD card with the firmware file.
- Press and hold function button **5**.
- Turn on the camera.

### Note:

The active update process is signaled by flashing status LED **18** and self-timer LED **8**.

## Switching to USB mode

- Press and hold thumbwheel **16**.
- Switch off the camera.

# SAFETY REMARKS

## GENERAL INFORMATION

- Do not use your camera in the immediate vicinity of devices that generate powerful magnetic, electrostatic or electromagnetic fields (e.g. induction ovens, microwave ovens, television sets or computer screens, video game consoles, cell phones, broadcasting equipment). Their electromagnetic fields can interfere with image recordings.
- Strong magnetic fields, e.g. from speakers or large electric motors can damage the stored data or disrupt shooting.
- Switch off the camera, remove the battery briefly, replace it and switch the camera back on in case of a camera malfunction due to the effects of electromagnetic fields.
- Do not use the camera in the immediate vicinity of radio transmitters or high-voltage power lines. Their electromagnetic fields may also interfere with image recordings.
- Always store small parts e.g. the accessory shoe cover as follows:
  - out of the reach of children
  - in a safe location, where they will not get lost or stolen
- State-of-the-art electronic components are sensitive to static discharge. You can easily pick up charges of several 10,000 volts by simply walking on synthetic floor coverings. A static discharge can occur when you touch the camera and especially if it is placed on a conductive surface. A static discharge on the camera housing poses no risk for the electronics. Despite built-in safety circuits, you should avoid direct contact with external camera contacts like those in the flash shoe.
- Take care not to soil or scratch the sensor for lens detection in the bayonet. You must similarly prevent direct contact of the bayonet with grains of sand or similar particles, as these could cause irreparable damage. This component must only be cleaned with a dry cloth (in system cameras).
- Use a cotton or linen cloth instead of a microfiber cloth from an optician's (synthetic) when cleaning the contacts. Make sure to discharge any electrostatic charge by deliberately touching a heating or water pipe (conductive, grounded material). Dirt deposits and oxidation on the contacts can be avoided by storing your camera in a dry location with the lens cap and the flash shoe/viewfinder cap (in system cameras) attached.
- Only use accessories specified for this model to prevent faults, short circuits or electric shock.
- Do not attempt to remove parts of the housing (covers) yourself. Repairs must be done at authorized service centers only.
- Protect the camera against contact with insect sprays and other aggressive chemicals. Petroleum spirit, thinner and alcohol must not be used for cleaning. Some chemicals and liquids can damage the camera housing or the surface finish.
- Rubber and plastics are known to expel aggressive chemicals and should therefore not be kept in contact with the camera for extended periods of time.
- Prevent any sand or dust or water penetration into the camera, e.g. during snowfall or rain or on the beach. Be extra careful when changing the lens (in system cameras) and when inserting or removing the memory card and rechargeable battery. Sand and dust can damage the camera, the lens, the memory card and the battery. Moisture can cause malfunctions and irreparable damage to the camera and memory card.

## LENS

- A camera lens can have the effect of a magnifying glass when exposed to direct frontal sunlight. The camera must therefore be protected against extended exposure to direct sunlight.
- Attaching the lens cap and keeping the camera in the shade or ideally in its camera case, will help prevent damage to the interior of the camera.



## RECHARGEABLE BATTERY / CHARGER

- A USB-C cable and a suitable power supply unit or the optionally available charger (LEICA BC-SCL7) are needed to charge the battery.
- Use of the rechargeable battery type (BP-SCL7) named and described in this manual is mandatory.
- Improper use of the batteries or the use of unapproved battery types may result in an explosion!
- Do not expose the rechargeable battery to sunlight, heat, humidity or moisture for prolonged periods of time. Likewise, the batteries must not be placed in a microwave oven or a high-pressure container as this would pose a fire or explosion hazard!
- Do not under any circumstances charge or insert a damp or wet battery into the camera!
- Keep the battery contacts clean and easily accessible. Although lithium-ion batteries are secured against short circuits, they should still be prevented from making contact with metal objects like paper clips or jewelry. A short-circuited battery can get very hot and cause severe burns.
- When a battery is accidentally dropped, make sure to check the housing and the contacts immediately for any damage. A damaged battery can damage the camera.
- The battery must be removed from the camera or charger and must be replaced immediately in case of a strange smell, discoloration, deformation, overheating or leakage. Continued use of the battery may result in overheating, which can cause fire and/or explosion!
- Never throw batteries into a fire as they may explode.
- Keep the battery away from sources of heat in case of leakage or if you smell burning. Leaked fluid can catch fire!
- Make sure that the power socket is freely accessible at all times.
- Do not attempt to open the battery or the charger. Repairs must only be carried out by authorized service centers.
- Keep batteries out of the reach of children. Batteries can cause suffocation when swallowed.
- Always keep the charger contacts clean, and never short-circuit them.
- Using a charger in the vicinity of broadcasting receivers may interfere with reception. Ensure a distance of at least 1m between the charger and the receiver.
- When the charger is in use, it may emit a buzzing sound – that is normal and not a malfunction.
- Disconnect the charger from the mains when it is not in use, as it consumes electricity (a very small amount), even if no battery is inserted.
- The battery must have a temperature between +10°C and +30°C for charging (otherwise the charger will not switch on or will switch off again immediately).
- Lithium-ion batteries can be charged at any time, regardless of their current charge level. A partially charged battery will charge to full capacity faster than a fully discharged one.
- The rechargeable batteries come only partly charged ex works and should therefore be charged fully before their first use.
- A new battery only reaches its full capacity after it has been fully charged and – by using it in the camera – depleted 2 to 3 times. This depletion process should be repeated roughly every 25 cycles.
- Battery and charger heat up during the charging process. That is normal and not a malfunction.
- A flashing charge status indicator when charging commences indicates a fault (e.g. max. charging time is surpassed, voltage or temperature outside permitted parameters or a short-circuit). Disconnect the charger from the mains and remove the battery. Ensure that the above temperature conditions are met and then restart the charging process. Please contact your dealer, the Leica representative in your region or Leica Camera AG if the problem persists.
- Lithium-ion batteries generate power by means of internal chemical reactions. These reactions are influenced by ambient temperature and humidity. Do not expose the battery to extreme temperatures (high or low) for extended periods of time (e.g. in a parked car in the summer or winter) to ensure a maximum service life.

## FIRST AID

- Battery fluid may cause blindness if it comes into contact with the eyes. Rinse the eyes thoroughly with clean water immediately. Avoid rubbing. Seek medical attention immediately.
- Leaked battery fluid poses an injury hazard when it comes in contact with clothing or skin. Rinse the affected areas thoroughly with clean water.

## MEMORY CARD

- Never remove the memory card during a data save or card reading process. The camera must not be switched off or be subjected to impact or vibrations while working.
- Do not drop or bend memory cards as this will cause damage and result in the loss of stored data.
- Do not touch the connections on the reverse of the memory card and keep them clean and dry.
- Keep memory cards out of the reach of children. Swallowing a memory card may cause suffocation.

## CARRY STRAP

- Once you have attached the carry strap, please make sure that the clips are mounted correctly to prevent the camera from falling.
- Carry straps are usually made of very robust material. You should therefore keep it out of the reach of children. A carry strap is not a toy and poses a strangulation risk.
- Use the carry strap only for its intended purpose on a camera or on binoculars. Any other use poses the risk of injury and may possibly result in damage to the carry strap and is therefore not permitted.
- Carry straps should also not be used for cameras/binoculars during sports activities that pose a risk of entanglement (e.g. when mountain climbing and similar outdoor activities).



## DISPOSAL OF ELECTRICAL AND ELECTRONIC EQUIPMENT

(Applies within the EU and for other European countries with active waste separation policies.)

This device contains electric and/or electronic components which must not be disposed of in general household waste. Instead, it should be disposed of at a recycling collection point provided by your local authority. This service is free of charge. Any standard or rechargeable batteries used in this device must be removed and disposed of separately in accordance with local regulations. Please contact your local authorities, waste disposal collection point or the retailer, from whom you purchased the device for more information on correct waste disposal.

## LEICA CAMERA AG WARRANTY TERMS

Dear Leica customer,

Congratulations on the purchase of your new Leica product. You have selected a world-famous brand name product.

In addition to your legal right to issue a claim against the seller of your product, we, Leica Camera AG ("LEICA"), grant you voluntary warranty services for your Leica product in accordance with the following provisions ("Leica Warranty"). The Leica Warranty does not limit your legal rights as a consumer under the applicable law or your rights as a consumer against the dealer with whom you concluded the purchase contract.

## THE LEICA WARRANTY

You have purchased a Leica product that has been manufactured according to specific quality guidelines and tested by experienced specialists at each stage of production. We grant the following Leica warranty for this Leica product, including the accessories contained in the original packaging. The warranty is valid as of April 1, 2023. Please note that we do not provide a warranty for commercial use of our product.

For some Leica products, we offer an extension of the warranty period if you register in our Leica Account. For more information, visit [www.leica-camera.com](http://www.leica-camera.com).

## SCOPE OF THE LEICA WARRANTY

During the warranty period, claims issued on the basis of manufacturing and material defects will be rectified free of charge, at LEICA's discretion, by repair, replacement of defective parts or exchange for a similar, defect-free Leica product. Replaced parts or products become the property of LEICA. Further claims of any kind and based on any legal grounds in connection with this Leica warranty are excluded.

## EXCLUDED FROM THE LEICA WARRANTY

The Leica Warranty does not cover wear parts, such as eyecups, leather coverings, carrying straps, cases, batteries and mechanically stressed parts, unless the defect was caused by manufacturing or material defects. This also applies to surface damage.

## VOIDANCE OF CLAIMS UNDER THE LEICA WARRANTY

Warranty claims are void if the defect in question is due to improper handling; they may also be void if, for example, third-party accessories have been used, the Leica product has not been opened properly or has not been repaired properly. Warranty claims are also void if the serial number is not legible.

## ASSERTION OF THE LEICA WARRANTY

To make a warranty claim, we require a copy of the proof of purchase you received for your Leica product from a dealer authorized by LEICA ("Authorized Leica Dealer"). The proof of purchase must include the date of purchase, the Leica product with item number and serial number and information about the Authorized Leica Dealer. We reserve the right to ask you to submit the original receipt. Alternatively, you can send a copy of the warranty certificate. Please note that it must be completed in full and the sale must have been made through an Authorized Leica Dealer. Please send your Leica product together with a copy of the proof of purchase or the warranty certificate and a description of the complaint.

**Leica Camera AG, Customer Care, Am Leitz-Park 5, 35578 Wetzlar, Germany**

**Email: [customer.care@leica-camera.com](mailto:customer.care@leica-camera.com), Phone: +49 (0)6441 2080-189** or an Authorized Leica Dealer.

Leica-product photo	Warranty period
All products	2 years

# TECHNICAL DATA

## CAMERA

### Designation

Leica M11-D

### Camera type

Digital system camera with rangefinder

### Type No.

2221

### Order No.

	Regional variant		
	EU/US/CN	JP	ROW
Order No. (Color)	20220 (black)	20221 (black)	20222 (black)
Wi-Fi 5 GHz	11a/n/ac: Channel 149–165 (5745–5825 MHz)	11a/n/ac: Channel 36–48 (5180–5240 MHz) (for use indoors only)	-
Wi-Fi 2.4 GHz	11b/g/n: channel 1–11 (2412–2462 MHz)		
Bluetooth	4.2 LE: LE channel 0–39 (2402–2480 MHz)		

### Storage medium

SD cards 1–2 GB / SDHC cards up to 32 GB / SDXC cards up to 2 TB, internal memory 256 GB

### Material

Top/bottom cover: coated aluminum  
Front and rear housing panels: magnesium

### Lens mount

Leica M bayonet

### Interfaces

ISO accessory shoe with additional control contacts for Leica flash units and Leica Visoflex 2 viewfinder (optional accessory)  
USB-C cable for data transfer and battery charging

### Compatible lenses

Leica M lenses, Leica R lenses via adapter

### Operating conditions

0/+40°C

### Supply voltage/current

DC 7.4 V, 1.5 A (permanent)

### Dimensions (WxHxD)

139 x 38.5 x 80 mm

### Weight

approx. 540 g (incl. Bayonet protective cap and battery)

## SENSOR

### Sensor size

CMOS chip, active surface approx. 24 x 36 mm

### Image resolution

DNG™	L-DNG	60.4 MP	9536 x 6336 pixels
	M-DNG	36.6 MP	7424 x 4936 pixels
	S-DNG	18.5 MP	5280 x 3506 pixels
JPG	L-JPG	60.1 MP	9504 x 6320 pixels
	M-JPG	36.2 MP	7392 x 4896 pixels
	S-JPG	18.2 MP	5248 x 3472 pixels

## EQUIPMENT

### WLAN/Bluetooth

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

## POWER SUPPLY

### Charger (Leica BC-SCL7) – optional accessory

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) – optional accessory

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

### Rechargeable battery (Leica BP-SCL7)

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

## SCOPE OF DELIVERY

- Leica M11-D
- Lithium-Ion battery Leica BP-SCL7
- USB-C cable
- Camera bayonet cap
- Carry strap
- Quick Guide
- CE insert
- Insert (Leica Account)
- Inspection certificate

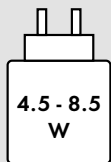
Subject to changes in design and model type.

The production date of your camera is printed on the packaging.

The date format is year/month/day.

The manufacture date is on the battery itself.

The date format is year/month/day.



The output of the power supply unit for charging the battery in the camera depends on if the camera is on or off. When the camera is switched off, a minimum power of 4.5 watts is required from the power supply unit.

When the camera is switched on, an output of at least 8.5 watts is required.



License information is available at:  
[licenses.leica-camera.com](https://licenses.leica-camera.com)



Download the complete operating instructions here:  
[en.leica-camera.com/Service-Support/Support/Downloads](https://en.leica-camera.com/Service-Support/Support/Downloads)

Please register using the following link if you would like to receive a printed copy of the complete operating instructions:  
[www.order-instructions.leica-camera.com](https://www.order-instructions.leica-camera.com)

Made for  
iPhone | iPad

Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with an Apple product may affect wireless performance. Apple, Apple TV, Apple Watch, iPad, iPad Air, iPad Pro, iPhone, and Lightning are trademarks of Apple Inc., registered in the U.S. and other countries. iOS is a trademark of Apple Inc.



## CE MARK

The CE mark on our products documents compliance with the fundamental requirements of applicable EU guidelines.

### English Declaration of Conformity (DoC)

Hereby, "Leica Camera AG" declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Customers can download a copy of the original DoC to our Radio Equipment products from our DoC server:  
[www.cert.leica-camera.com](http://www.cert.leica-camera.com)

In the event of further questions, please contact Leica Camera AG: Am Leitz-Park 5, 35578 Wetzlar, Germany

Usable frequency range / limitations of use:

See the technical data

Maximum output (EIRP): WLAN: < 20 dBm/Bluetooth: < 10 dBm



~ Alternating current (AC)

== Direct current (DC)

Class II devices (the product has a double-insulated design)

## FOR UK ONLY

### English

#### Declaration of Conformity (DoC)

Hereby, "Leica Camera AG" declares that this product is in compliance with the essential requirements and other relevant provisions of UK Directive "Radio Equipment Regulations 2017".

Customers can download a copy of the original DoC to our Radio Equipment products from our DoC server:  
www.cert.leica-camera.com

In the event of further questions, please contact Leica Camera AG: Am Leitz-Park 5, 35578 Wetzlar, Germany

Usable frequency range / limitations of use:

See the technical data

Maximum output (EIRP): WLAN: < 20 dBm/Bluetooth: < 10 dBm

Authorized representative in United Kingdom:

LEICA CAMERA LIMITED

6-8 James Street,

London, UK, W1U 1ED



## FOR US ONLY

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Caution:

To assure continued compliance, follow the attached installation instructions and use only shielded interface cables with ferrite core when connecting to computer or peripheral devices.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Declaration of Conformity

Trade Name: Leica

Model No.: 2221

Responsible party/

Support contact:

Leica Camera Inc.

500 Frank W. Burr Blvd., Suite 570

Teaneck, NJ 07666

Tel.: +1 800 222 0118

Fax: +1 201 995 1684

technicalinfo@leicacamerausa.com

Type No.: 2221

**FC** Tested To Comply  
With FCC Standards

FOR HOME OR OFFICE USE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### FCC ID: N5A2221

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines.

This equipment is tested for specific absorption ratio (SAR) and complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment.

This device complies with FCC/IC SAR limit of 1.6 W/kg.

For body worn operation, this equipment has been tested and meets the FCC/IC RF exposure guidelines when used with the Leica Camera AG accessories supplied or designated for this product that have no metallic component in the assembly. Use of other accessories may not ensure compliance with FCC/IC RF exposure guidelines.

## WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



This product contains non-replaceable battery (type: MS614SE, nominal voltage: 3V).

- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Do not force discharge, recharge, disassemble, heat above 40°C or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Non-rechargeable batteries are not to be recharged.



## FOR CANADA ONLY

### CAN ICES-003 (B)/NMB-3(B)

#### IC: 11245A-2221

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference,
- (2) This device must accept any interference received, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules.

Par la présente, "Leica Camera AG" déclare que ce produit est conforme aux exigences essentielles et aux autres dispositions relevant de la Directive 2014/53/UE.

Le clients peuvent télécharger une copie de la DoC originale de nos produits RE sur notre serveur de DoC: [www.cert.leica-camera.com](http://www.cert.leica-camera.com)

Pour toute autre question, veuillez contacter :

Leica Camera AG, Am Leitz-Park 5, 35578 Wetzlar, Allemagne

## FOR SINGAPORE ONLY

Complies with  
IMDA Standards  
DA106734

## FOR QATAR ONLY

WLAN 2.4GHz function is for «Indoor use only»

## EU UNIQUEMENT / FOR EU ONLY:

Déclaration de Conformité (DoC)

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Ce dispositif répond aux limites d'IC sur l'exposition aux rayonnements établies pour un environnement non contrôlé et satisfait à RSS-102 des Règlements IC sur l'exposition aux radiofréquences (RF).

## SOLO PARA MEXICO

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

## FOR JAPAN ONLY

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをしてください。 VCCI-B

5150 MHz ~ 5350 MHz の周波数帯域は電波法により屋外での使用は禁じられています

子局:当該無線設備の送信は、5.2GHz帯高出力データ通信システムの基地局または陸上移動中継局と通信する場合を除き、屋内においてのみ可能である旨。

## FOR TAIWAN ONLY

無反光鏡全畫幅單反相機型號編號 2221

消耗電力 8.5 W

原產地: 德國

製造年份 2024

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

應避免影響附近雷達系統之操作。高增益指向性天線只得應用於固定式點對點系統

## FOR KOREA ONLY

기기의명칭 (모델명):	디지털 카메라 (2221)
전국서비스대표번호 :	02-2285-4421 (라이카 카메라 코리아 서비스센터)
인증 번호:	R-C-LcK-2221
신청자 이름:	라이카카메라코리아 (주)
기관에 의해 결정된 기기의 명칭:	특정소출력 무선기기(무선데이터통신시스템용 무선기기)
제조사 :	Leica Camera AG
제조국가 :	독일
인증받은자의상호 :	라이카 카메라 코리아 (주)



해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다

전지 및 자율안전확인정보	
전지종류	전지
모델명	BP-SCL7
정격	7,4V 1800mAh 13,32Wh
신고필증번호	XU101029-21013A
원산지	China
공정명	Fuji Electronics (Shenzhen) Co., Ltd.
제조사명	Leica Camera AG
수입자명	02-2285-4421 (라이카 카메라 코리아 서비스센터)
제조년월	배터리 케이스에 표기된 제조 년월. 표기 방법은 다음과 같습니다. 연 - 월
전지본체 주의문구	- 화기에 가까이 두지 마십시오. - 분해하지 마십시오. - 전용충전기만 사용하십시오. - 섭씨60°C이상에서 보관하지 마십시오.

무선사양	
항목	내용
주파수범위	송신: WLAN 2 412 - 2 462 MHz / 2 422 - 2 452 MHz 5 745 - 5 825 MHz / 5 755 - 5 795 MHz
	Bluetooth 2 402 - 2 480 MHz
	수신: WLAN 2 412 - 2 462 MHz / 2 422 - 2 452 MHz 5 745 - 5 825 MHz / 5 755 - 5 795 MHz Bluetooth 2 402 - 2 480 MHz
변조방식	CCK(802.11b), OFDM(802.11g/a/n, HT20/ac_VHT20/n_HT40/ac_VHT40), GFSK(BLE), π/4-DQPSK (EDR_2 Mb- ps),8DPSK (EDR_3 Mbps)
전파형식	G1D (802.11b), D2D (802.11g/a/n, HT20/ac_VHT20/n_HT40/ac_VHT40), F1D (BLE), G1D (EDR_1 Mbps)
출력	WLAN 2 400 - 2 483.5 MHz 10 mW/MHz : 802.11b/g/n(HT20) 5 mW/MHz : 802.11n(HT40) 5 725 - 5 850 MHz 10 mW/MHz : 802.11a/n(HT20)/ac(- VHT20) 5 mW/MHz : 802.11n(HT40)/ac(VHT40) Bluetooth 0.1 mW

해당 무선설비는 전파혼신 가능성이  
있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

기종별	사용자 안내문
B급 기기 (가정용 방송통신기자재)	이 기기는 가정용(B급) 전자파적합기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.



## FOR CHINA ONLY

■ 使用频率:	2.4 - 2.4835 GHz
■ 等效全向辐射功率(EIRP):	
天线增益<10dBi时:	≤100 mW 或≤20 dBm
■ 最大功率谱密度:	
天线增益<10dBi时:	≤10 dBm / MHz(EIRP)
■ 载频容限:	20 ppm
■ 带外发射功率(在2.4-2.4835GHz频段以外)	≤-80 dBm / Hz (EIRP)
■ 杂散辐射等其他技术指标请参考	2002/353号文件
不得擅自更改发射频率、加大发射功率(包括额外加装射频功率放大器),不得擅自外接天线或改用其它发射天线;	
使用时不得对各种合法的无线电通信业务产生有害干扰;一旦发现有害干扰现象时,应立即停止使用,并采取消除措施后方可继续使用;	
使用微功率无线电设备,必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰;	
不得在飞机和机场附近使用。	

CMII ID: XXXXXXXXXXX

微功率设备声明
(一) 符合“微功率短距离无线电发射设备目录和技术要求”的具体条款和使用场景,采用的天线类型和性能,控制、调整及开关等使用方法; 具体条款: G类设备: (1) 使用频率: 5725-5850MHz (2) 发射功率限值: 25mW(e.i.r.p) (3) 频率容限: 100×10-6 使用场景: 数据通讯 天线类型: 嵌入式天线 天线性能: 天线增益 +3.4dBi@5.8GHz 控制、调整及开关产品的使用方法: 由摄像头微处理器控制
(二) 不得擅自改变使用场景或使用条件、扩大发射频率范围、加大发射功率(包括额外加装射频功率放大器),不得擅自更改发射天线;
(三) 不得对其他合法的无线电台(站)产生有害干扰,也不得提出免受有害干扰保护;
(四) 应当承受辐射射频能量的工业、科学及医疗(ISM)应用设备的干扰或其他合法的无线电台(站)干扰;
(五) 如对其他合法的无线电台(站)产生有害干扰时,应立即停止使用,并采取消除措施后方可继续使用;
(六) 在航空器内和依据法律法规、国家有关规定、标准划设的射电天文台、气象雷达站、卫星地球站(含测控、测距、接收、导航站) 等军民用无线电台(站)、机场等的电磁环境保护区域内使用微功率设备,应当遵守电磁环境保护及相关行业主管部门的规定;
(七) 禁止在以机场跑道中心点为圆心、半径5000米的区域内使用各类模型遥控器;
(八) 微功率设备使用时温度和电压的环境条件:见上述“工作条件”和“电源”规格。

## FOR THAILAND ONLY

เครื่องใช้ครบถ้วนและอุปกรณ์นี้ มีควมสอดคล้องตามมาตรฐานหรือข้อกำหนดทางเทคนิคของ กสทศ.









**DAS WESENTLICHE.**

Leica Camera AG | Am Leitz-Park 5

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