

Product Description

The ILR-1200-3 is suitable not only for InfiRay MATE series products, but also for all day scopes with a 30mm tube for laser ranging.

Model	ILR-1200-3
Measuring Range, m	10 ~ 1200
Laser Wavelength, nm	900 ~ 908 (Eye-safe)
Laser Indicator	Support
Battery	One replaceable CR123 / 3.7V
Max. Working Life, h	4
IP Rating	IP67
Laser Class	Class 1
Dimensions, mm	103× 93 × 30
Weight, g	< 162 (without battery)

Components and Controls



Battery Installation

- Rotate the battery compartment cover (1) counterclockwise.
- Place a CR123 3.7V battery into the compartment according to the label in the battery compartment, that is, the positive pole faces inward and the negative pole faces outward.
- Tighten the battery compartment cover (1) clockwise.

Safety Instructions

- Use the device within the recommended temperature range from -20°C to +50°C. The battery life may be impaired when using beyond this temperature range.
- The battery capacity drops when the device is used below zero. This is normal and does not indicate a defect.

Installation and Calibration

- The ILR-1200-3 comes with a clamp (7) which is suitable for all day scopes with a 30mm tube diameter.
- Install the ILR-1200-3 on the day scope through the 30mm clamp (7), and tighten the mounting screw (8).
- After installation, if the position indicated by the laser is inconsistent with the reticle center on the Tube, the laser calibration is required.
- Select a target that is 100m or 50m away.
- Loosen the two precision adjustment screws (4) on the clamp (7) slightly.
- Then, adjust the angle of the rangefinder until the position indicated by the laser indicator is aligned with the reticle center of the day scope.
- Then tighten the precision adjustment screw (4) to fix.

Use with Day Scope

- Press and hold the **Power button (3)** for 3 seconds to power on the rangefinder.
- The ILR-1200-3 laser rangefinder supports the continuous scanning mode, and the distance measured will be shown on the display (2).
- When the rangefinder is on, press the **Power button (3)** one time to turn on or off the laser indicator (5).
- And press the **Power button (3)** twice in a row to switch the measurement unit between meter and yard.
- After use, press and hold the **Power button (3)** for 3 seconds to power off it, and the display is off meanwhile.

Use with MATE Series

- Power on the MATE device and get close to the ILR-1200-3.
- Press and hold the **Power button (3)** to power on the ILR-1200-3.
- By briefly pressing the **Power button (3)** of the ILR-1200-3 8 times (or more) in a row, the ILR-1200-3 and the MATE will be connected automatically. After about 5 seconds, the distance can be displayed simultaneously on the displays of the MATE and the ILR-1200-3.
- After connected with MATE, the laser indicator can also be turned on or off with a long press of the UP button on MATE.

Note:

After the first successful connection, the connection between the two devices will be automatically completed every time when they are powered on.



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Legal and Regulatory Information


Wireless transmitter module frequency range:

ZIGBEE: 2405-2480 MHz

Wireless transmitter module power < 10 dBm

CE We, IRay Technology Co., Ltd., hereby declares that the radio equipment ILR-1200-3 is in compliance with the Directives 2014/53/EU and 2011/65/EU.

User information on the disposal of electrical and electronic devices (private households)

 2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more

more information see: www.recyclethis.info.

Regulatory information USA

FCC ID: 2AYGT-41-ILR

Labeling requirements

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.

Information to the user

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

EMC: Class B

Note: 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.

To comply with RF exposure requirements, a minimum separation distance of 0.00 cm must be maintained between the user's body and the handset, including the antenna.

Class 1 Laser Product

Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.



ILR-1200-3

INFIRAY LASER RANGEFINDER

