

[Manuals.plus](#) /

› [iProtec](#) /

› iProtec MYCRO Rail Mount Flashlight RM300, 4 Light Modes, Ambidextrous, and Rechargeable Rail Mount Flashlight

iProtec RM300

iProtec MYCRO Rail Mount Flashlight RM300 User Manual

Model: RM300 (IPR-LGT-1001)

INTRODUCTION

The iProtec MYCRO Rail Mount Flashlight RM300 is a compact, powerful, and versatile lighting solution designed for integration with firearms. Featuring four distinct light modes, an ambidextrous design for ease of use, and a rechargeable battery, this flashlight provides reliable illumination for various tactical and personal defense applications. It is compatible with both Picatinny and Weaver mount systems, fitting most handguns equipped with an integrated accessory rail.



Image: The iProtec MYCRO Rail Mount Flashlight RM300, a compact black device with a clear lens, designed for rail mounting.

WHAT'S IN THE BOX

Please ensure all the following components are present in your package:

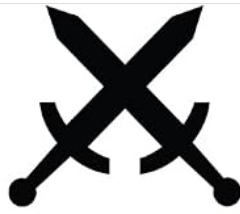
- iProtec MYCRO Rail Mount Flashlight RM300
- Allen Key (for installation)
- USB-C Charging Cable

KEY FEATURES

- **Rail Mount Compatibility:** Designed to fit Picatinny and Weaver mount systems, suitable for most handguns with

an integrated accessory rail.

- **Four Light Modes:** Offers High, Medium, Low, and Strobe modes for varied lighting needs.
- **Ambidextrous Design:** Ensures versatile operation for both left and right-handed users.
- **Rechargeable Battery:** Integrated battery recharges via the included USB-C cable.
- **Durable Construction:** Built to withstand demanding conditions.
- **IPX4 Water-Resistant:** Provides protection against rain and splashes.



AMBIDEXTROUS DESIGN

Versatile operation.



Image: The iProtec MYCRO flashlight viewed from the top, highlighting its ambidextrous design with control buttons on both sides.



IPX4 WATER-RESISTANT

Rain and splash-proof.



Image: The iProtec MYCRO flashlight with water droplets on its surface, illustrating its IPX4 water-resistant rating.

SETUP AND INSTALLATION

The MYCRO Rail Mount Flashlight is designed for easy installation on compatible Picatinny and Weaver rails.

1. **Identify Rail:** Locate the accessory rail on your firearm. Ensure it is clean and free of debris.
2. **Position Flashlight:** Align the flashlight's rail mount with the firearm's accessory rail.
3. **Secure Mount:** Use the provided Allen key to tighten the mounting screw until the flashlight is firmly secured to the rail. Do not overtighten.
4. **Test Fit:** Gently attempt to move the flashlight to ensure it is stable and does not wobble.



RAIL MOUNT

Fits most handguns with an integrated accessory rail.

Image: The iProtec MYCRO flashlight securely mounted on the accessory rail of a handgun.



RAIL MOUNT

Compatible with picatinny and weaver mount systems.

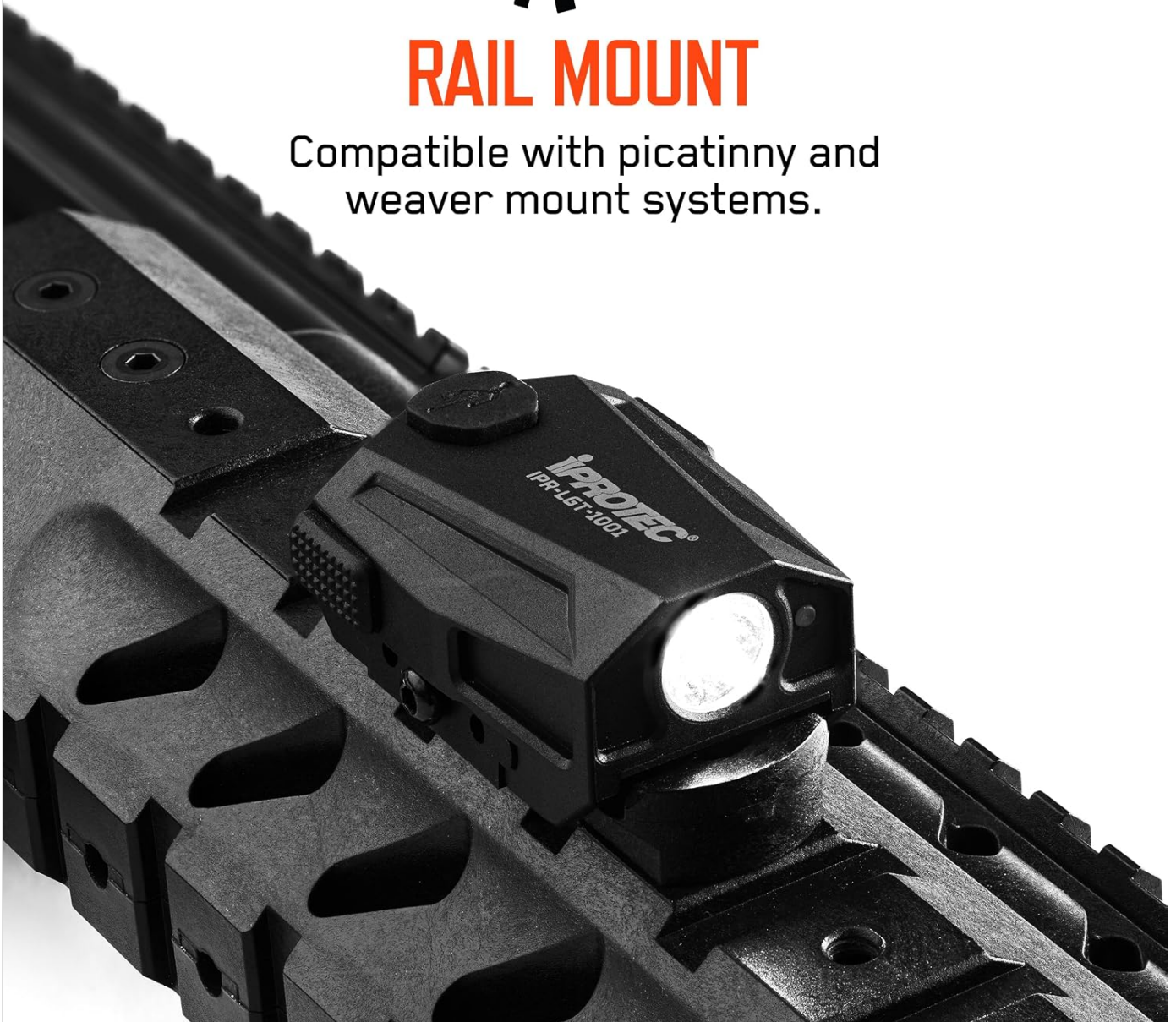


Image: The iProtec MYCRO flashlight securely mounted on the Picatinny rail of a rifle.

OPERATING INSTRUCTIONS

The MYCRO Rail Mount Flashlight features an intuitive control system for accessing its four light modes.

- **Power On/Off:** Press either of the ambidextrous buttons to turn the flashlight on or off.
- **Cycle Modes:** While the flashlight is on, press the button repeatedly to cycle through the modes in the following order: High → Medium → Low → Strobe.
- **Mode Memory:** The flashlight will remember the last used mode when turned off and will activate in that mode when turned back on.

Light Mode Details:

- **High:** 300 lumens / 30 minutes runtime
- **Medium:** 150 lumens / 1 hour runtime
- **Low:** 50 lumens / 2 hours runtime
- **Strobe:** 300 lumens / 30 minutes runtime (for disorienting or signaling)



FOUR LIGHT MODES

- + High: 300 / 30 mins
- + Medium: 150 / 1 hour
- + Low: 50 / 2 hours
- + Strobe: 300 / 30 mins



Image: The iProtec MYCRO flashlight with an overlay showing the four distinct light modes and their respective lumen outputs and runtimes.

CHARGING

The iProtec MYCRO Rail Mount Flashlight is equipped with a rechargeable battery for convenience.

1. **Locate Charging Port:** The USB-C charging port is located on the top of the flashlight.
2. **Connect Cable:** Insert the included USB-C cable into the flashlight's charging port. Connect the other end of the cable to a standard USB power source (e.g., wall adapter, computer USB port).
3. **Charging Indicator:** A red indicator light will illuminate during charging. This light will turn green when the battery is fully charged.
4. **Charging Time:** A full charge typically takes approximately 2 hours.



RECHARGEABLE

2-hour recharging with the included USB-C cable.



Image: The iProtec MYCRO flashlight connected to a USB-C charging cable, with a red indicator light visible, signifying it is charging.

MAINTENANCE

To ensure the longevity and optimal performance of your iProtec MYCRO Rail Mount Flashlight, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to wipe down the exterior of the flashlight. Avoid abrasive cleaners or solvents that could damage the finish or internal components.
- **Lens Care:** Keep the lens clean for maximum light output. Use a lens cleaning cloth or a soft, lint-free cloth.
- **Storage:** Store the flashlight in a cool, dry place when not in use. If storing for extended periods, ensure the battery is partially charged (around 50%) to preserve battery health.
- **Water Resistance:** While IPX4 water-resistant, avoid submerging the flashlight in water. Ensure the USB-C port cover is securely closed when not charging to maintain water resistance.

TROUBLESHOOTING

If you encounter issues with your iProtec MYCRO Rail Mount Flashlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted.	Charge the flashlight using the included USB-C cable.
Light output is dim.	Low battery or dirty lens.	Recharge the battery. Clean the flashlight lens with a soft cloth.
Flashlight not securely mounted.	Mounting screw is loose.	Tighten the mounting screw with the Allen key. Ensure proper alignment with the rail.
Charging indicator not lighting up.	Cable not properly connected or faulty power source.	Ensure USB-C cable is fully inserted. Try a different USB power source or cable.

SPECIFICATIONS

Feature	Detail
Model Name	Mycro Rail Mount (RM300)
Part Number	IPR-LGT-1001
Brightness (High)	300 lumens
Runtime (High)	30 minutes
Brightness (Medium)	150 lumens
Runtime (Medium)	1 hour
Brightness (Low)	50 lumens
Runtime (Low)	2 hours
Brightness (Strobe)	300 lumens
Runtime (Strobe)	30 minutes
Power Source	Rechargeable Lithium Ion Battery (included)
Charging Time	Approx. 2 hours
Water Resistance	IPX4 (Rain and splash-proof)
Material	Plastic
Color	Black
Mounting Type	Rail Mount (Picatinny/Weaver compatible)
Item Dimensions (LxWxH)	4.6 x 5 x 2.9 inches (approximate package dimensions)
Weight	0.19 Kilograms (approximate package weight)

Feature	Detail
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WARRANTY AND SUPPORT

The iProtec MYCRO Rail Mount Flashlight RM300 comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or any questions regarding your product, please contact iProtec customer service. Keep your proof of purchase for warranty validation.

Please note: The warranty does not cover damage caused by misuse, unauthorized modifications, accidents, or normal wear and tear.

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