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LASER TREE R2 2W IR 1064nm Infrared Laser Module

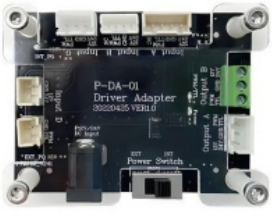
Packing List

Laser Module

Input Cable

3PIN Cable

Sliding Plate

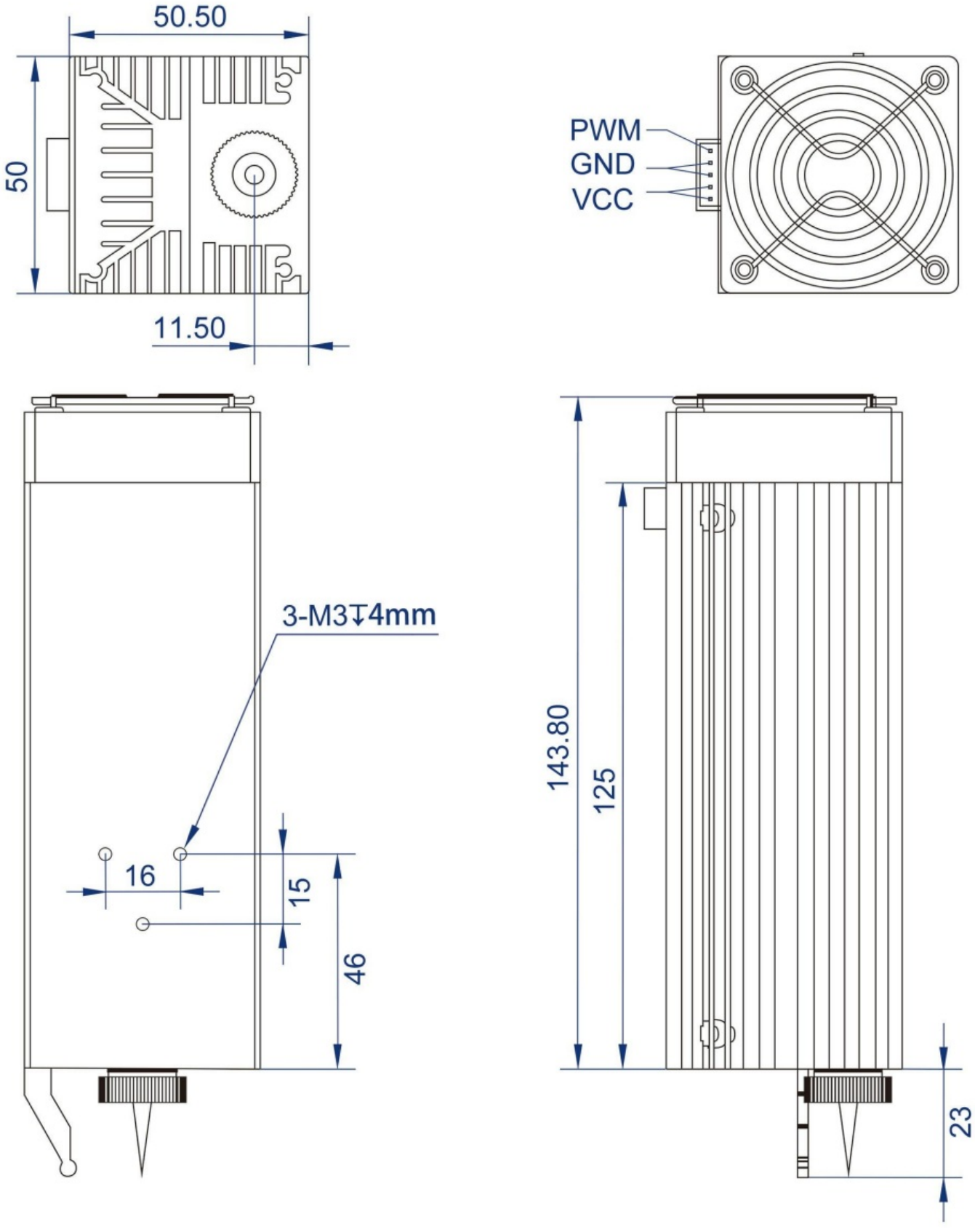


Driver Adapter

Parameters

- **Product Name:** Engraving Module
- **Wavelength** 1064nm1nm
- **Optical Power** 2W
- **Input** DC 24V 4A
- **Input Port** XHB2.54 5PIN
- **Operation Mod:** Pulsed Laser
- **Focus Length** 23mm
- **Spot Size** 0.03mm
- **PWM Modulation** 0-5, VO-5kHz
- **Cooling Mode** Air-cooling
- **Operating Temperatur**e 0-60°C
- **Module Net Weight** 448g
- **Module Size** 50*50.5*143.8mm

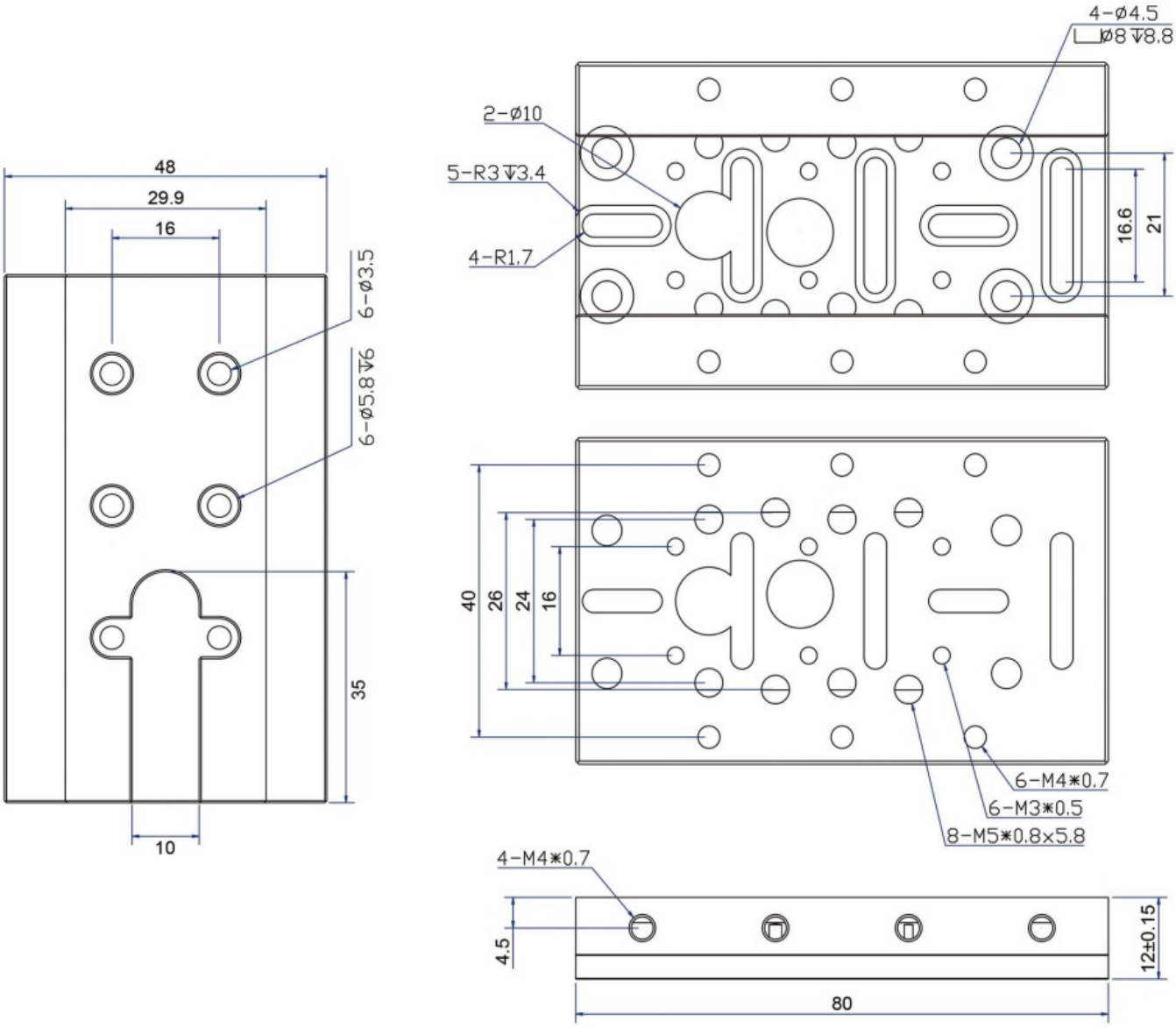
Outline Dimension (Unit: mm)



Sliding Plate

Multiple holes bring widespread installation compatibility.

Outline dimension (Unit: mm)



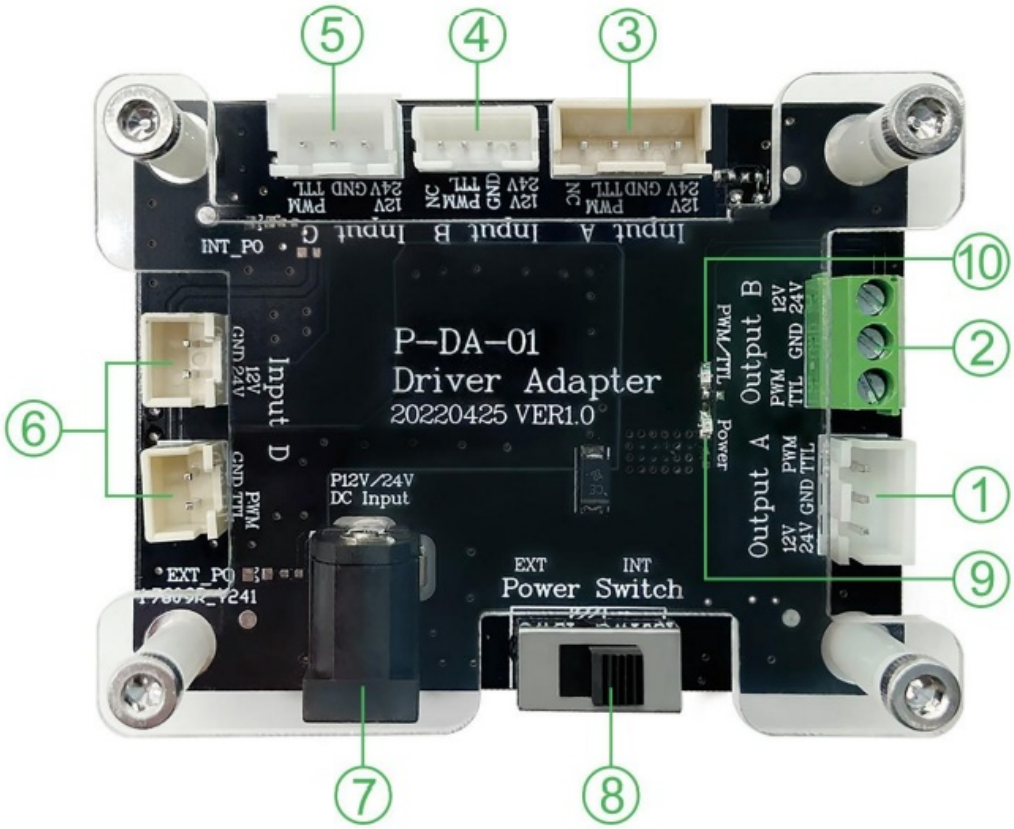
Accessories for the sliding plate

M3x6 Fasten screw*4

M4x20 Fasten screw*2

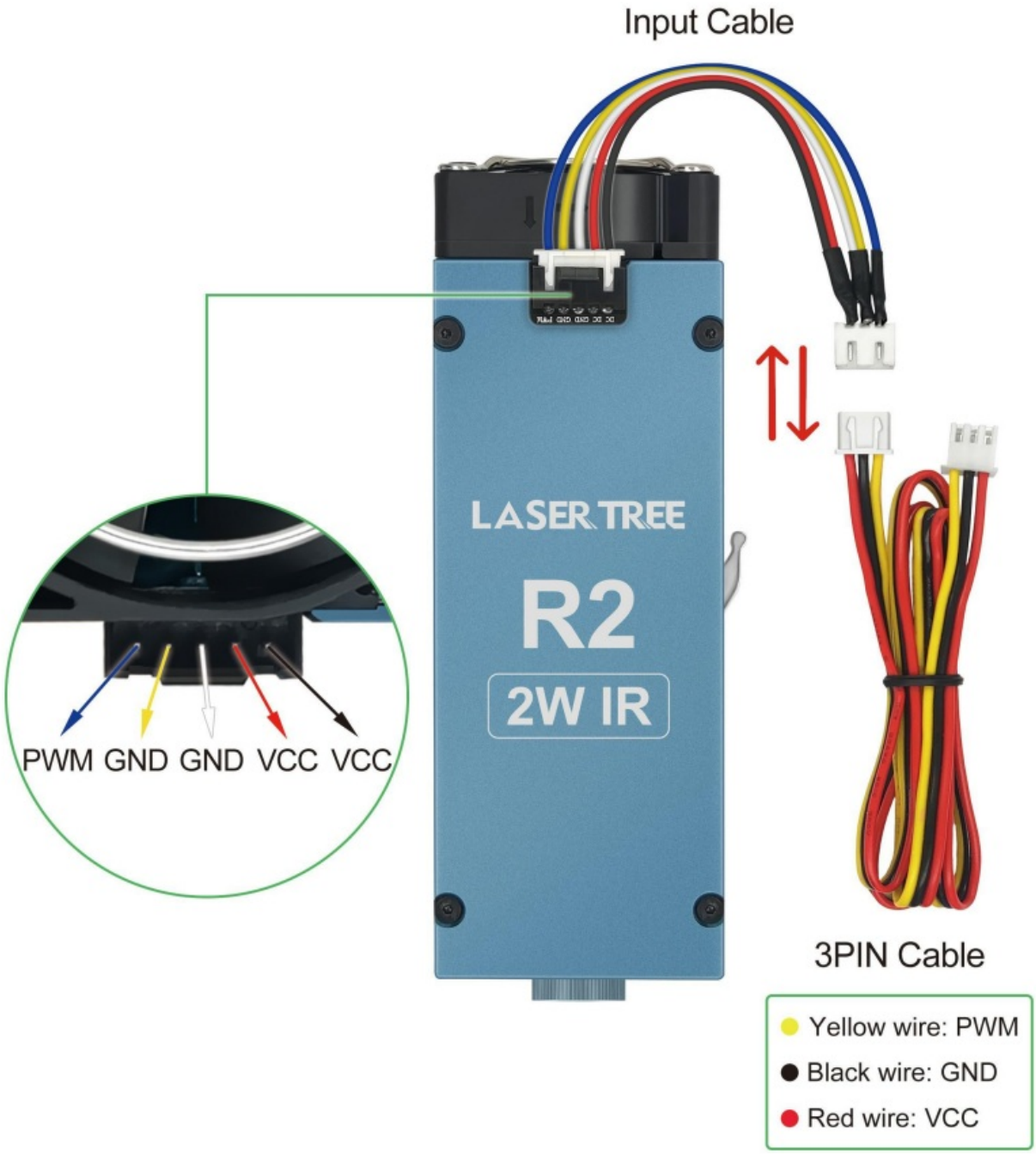
2.5mm L-wrench

Driver Adapter



1. **Output A**: 3-pin connector
2. **Output B**:3-pinN connector
3. **Input A**4-pinIN connector
4. **Input** 4-pinPIN connector
5. **Input C**: 3-pin connector
6. **Input D**:2-pinN connector
7. **DC Input**: 12V or 24V power adapter
8. **Power Switch**:
    - EXT→External power supply
    - INT→Internal power supply
9. **Power indicator**: It is red when the power cable is connected correctly.
10. **TTL/PWM indicator**: It is green when the TTL/PWM cable is connected correctly.

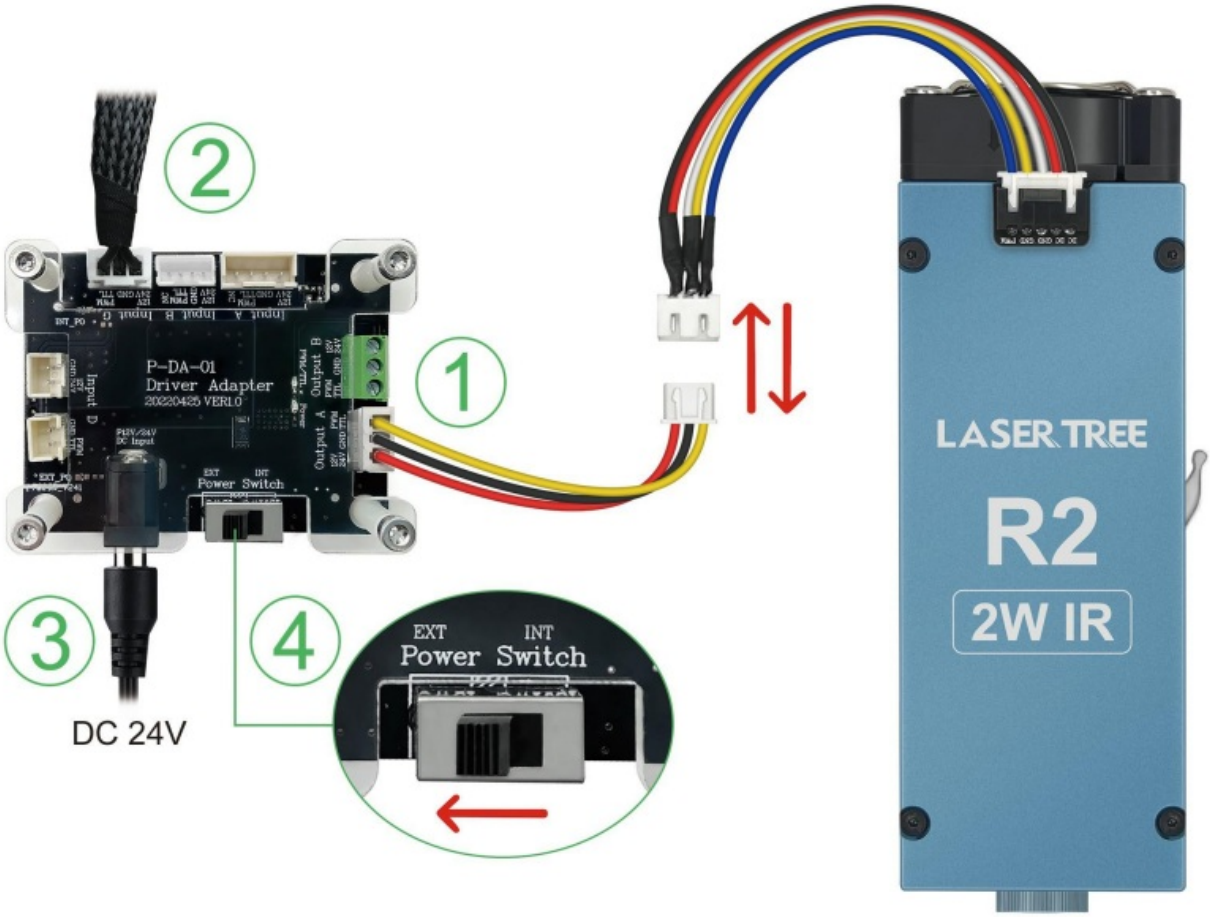
PIDefinitionon



Connection

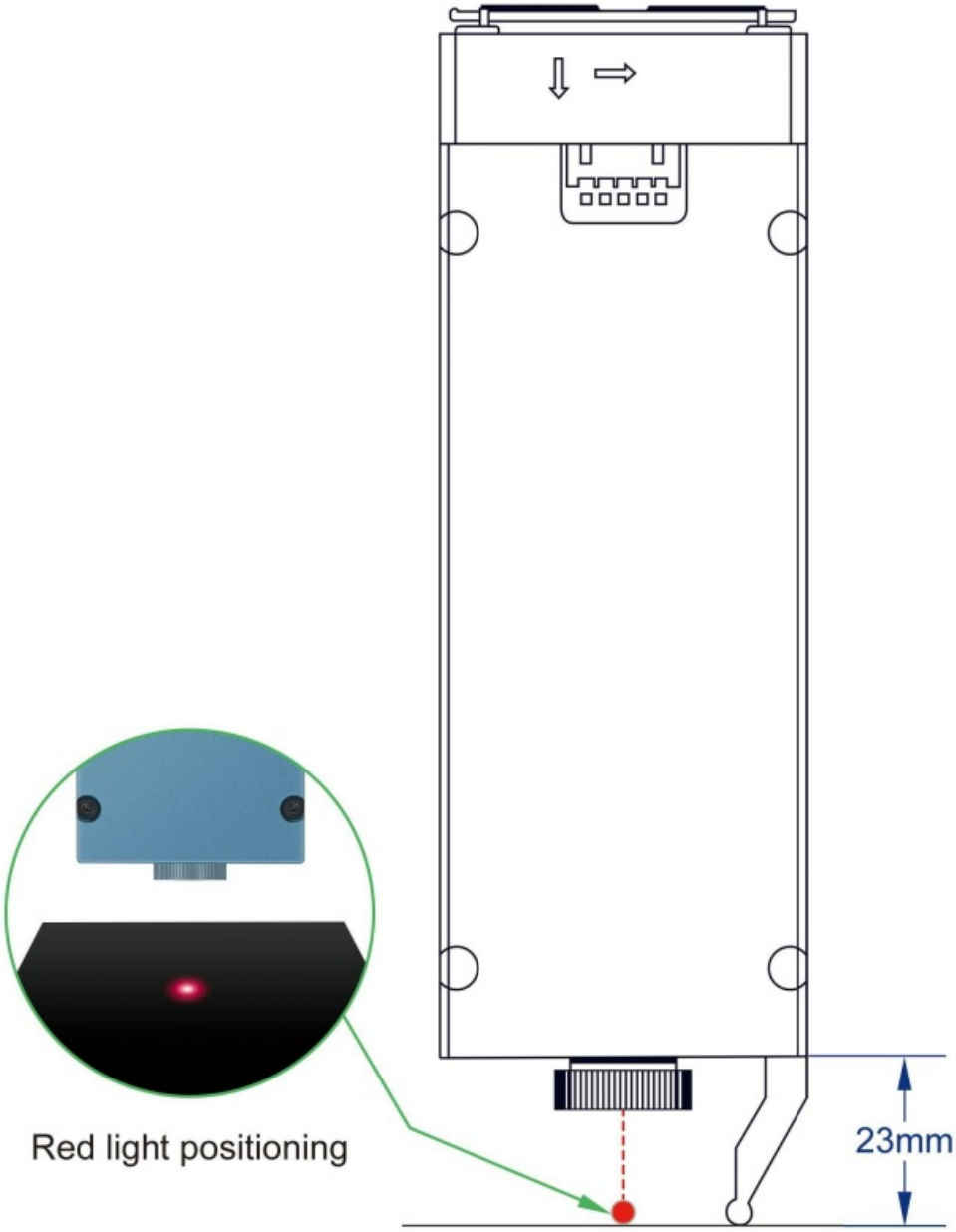
1. Connect 5pin end of the input cable to the laser module and the other end of the input cable to the 3pin cable. Then connect the 3pin cable to the output port on the driver adapter.
2. Connect the engraver output cable to the corresponding input port of the drive adapter.
3. Connect the adapter to the DC input port of the drive adapter.
4. Switch to Ext (external power) mode on the drive adapter and then start to use the laser module.

Connection diagram



Engraving Focus Description

The R2 engraving module has a focal length of 23mm and is equipped with a fixed focus lever and a red light positioning device so that the engraving position can be easily positioned.



Safe Use & Maintenance

- Laser can damage a person’s skiPleasease do not expose your skin directly to the laser.
- Children or teenagers are strictly prohibited from using the module alone.
- Please wear laser goggles to protect your eyes when you use this laser module.
- This module doesn’t support hot plug. Hot plug may cause damage to the module.
- When the laser module is not used for a long time, please ensure that the lens is not polluted by dust.

For more maintenance information, please contact us at lasertree@micost-optotech.com.

Documents / Resources

	LASER TREE R2 2W IR 1064nm Infrared Laser Module [pdf] User Manual R2, R2 2W IR 1064nm Infrared Laser Module, 2W IR 1064nm Infrared Laser Module, 1064nm Infrared Laser Module, Infrared Laser Module, Laser Module, Module

References

- User Manual

LASER TREE

1064nm Infrared Laser Module, 2W IR 1064nm Infrared Laser Module, Infrared Laser Module, Laser Module, LASER TREE, Module, R2, R2 2W IR 1064nm Infrared Laser Module

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