

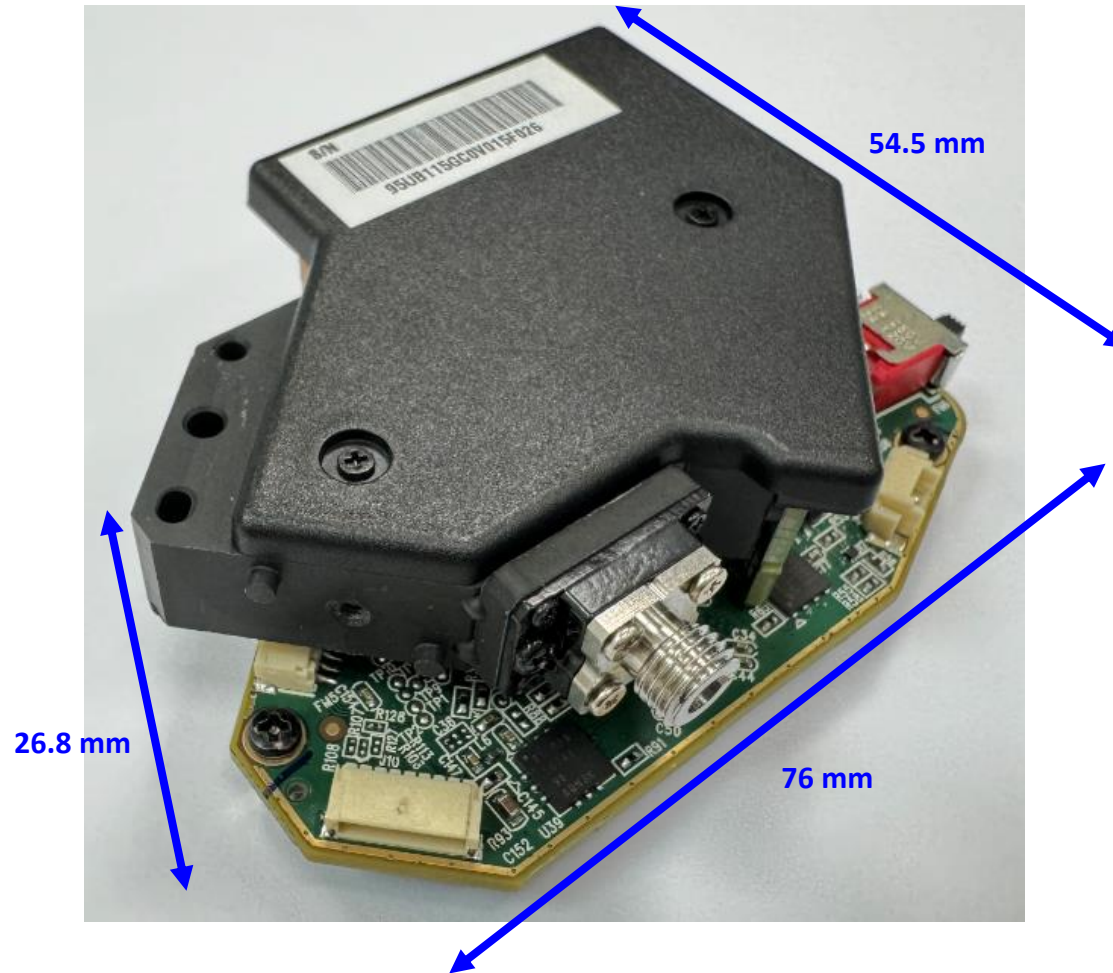
NIR-M-F1 Product Introduction

2023/12/14

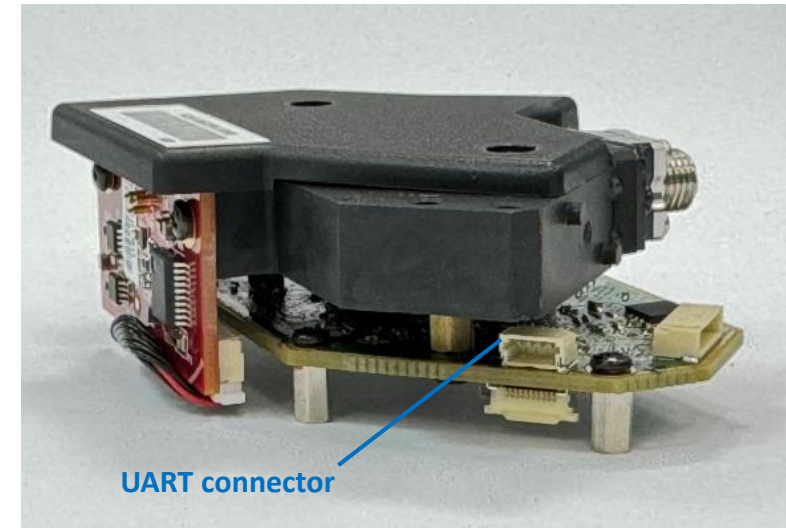
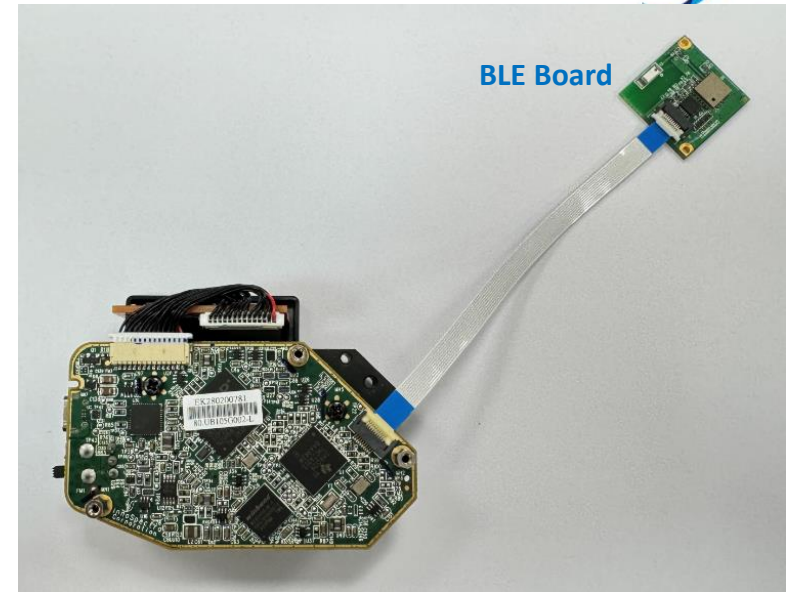
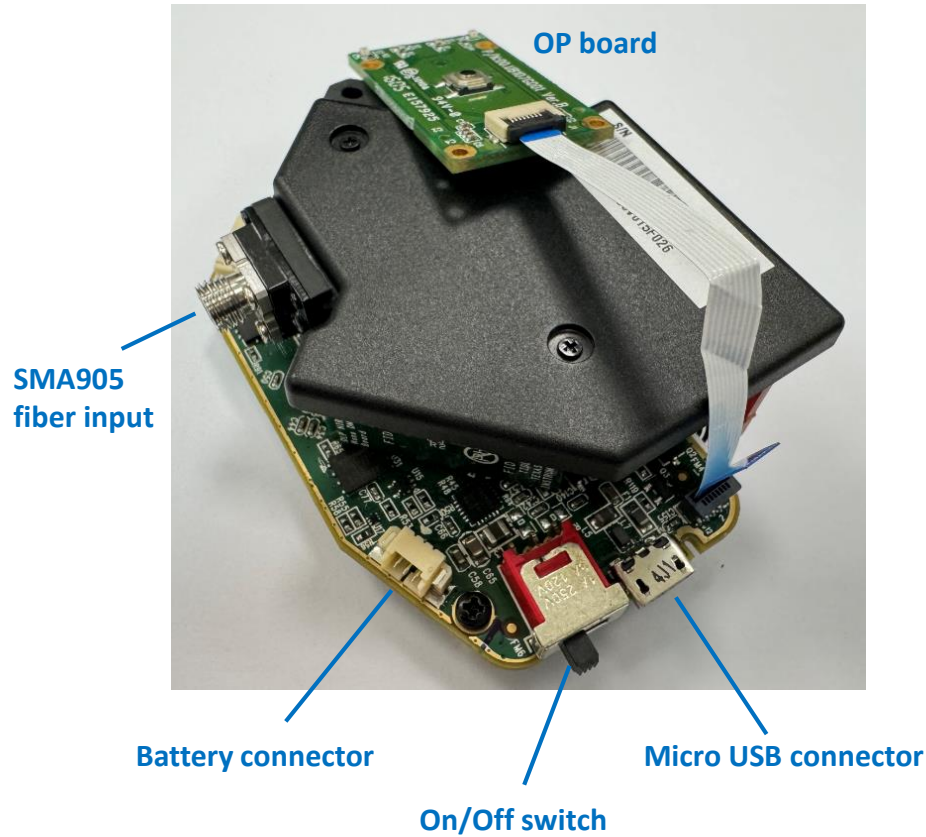
Specification

- **Wavelength range: 900~1700nm**
- **Signal-to-Noise Ratio (SNR): 5000:1**
- **Optical Resolution: Typ. 10nm**
- **Wavelength Accuracy: Typ. ± 1 nm**
- **Detector: 1mm standard InGaAs (Uncooled)**
- **Slit Size: 1.8mm * 0.025mm**
- **Scan Capability: Linear (Column) / Hadamard / Slew Scan**
- **Fiber connector: SMA905**
- **Communication Interface: Micro USB / UART / Bluetooth Low Energy (optional)**
- **Sensors: Humidity and temperature sensor**
- **Power requirement: 5V / 0.2A**
- **Operating Temperature: 0 ~ 40 °C, RH Max. 85%**
- **Dimensions : 76mm * 54.5mm * 26.8mm**
- **Weight : < 65g**

Appearance



Interface



Please refer to the following documents for detailed information:

1. Fiber input module measurement guideline
2. UART interface guideline
3. OP & BLE interface guideline
4. Battery interface guideline

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Thank You



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