

IoT Expansion Module

FWay-WiFi



Product Overview

- Supports 350+ industrial protocols, enabling connectivity with the majority of industrial equipment.
- Local data parsing with data transfer to cloud servers.
- Supports FlexeMatic remote management tools, remote configuration, and diagnostics.
- Supports local caching of historical data.

Product Specifications

1. Hardware Parameters

Connectivity Option	Ethernet / Wi-Fi
Network Frequency Band	IEEE 802.11b/g/n compatible WLAN IEEE 802.11e QoS Enhancement (WMM)
Antenna	FEA-WiFi magnetic suction cup antenna required, need to be purchased independently

2. Software Parameters

VPN Transparent Transmission	Available (Only compatible with FS6 series that have Ethernet port)
Data Monitoring	300 points, supports scheduled or event-based upload
Alarm Notification	100 points, supports notification push on client and email
Historical Data	30 points, supports restoration of transmission post network interruption, 50k records per point in offline storage, and cloud

	storage retention for 90 days
Edge Computing	Supports script programming
Network Protocol	Supports over 100 industrial device protocols
Management and Maintenance	Supports remote firmware upgrade; supports import and export of configuration file

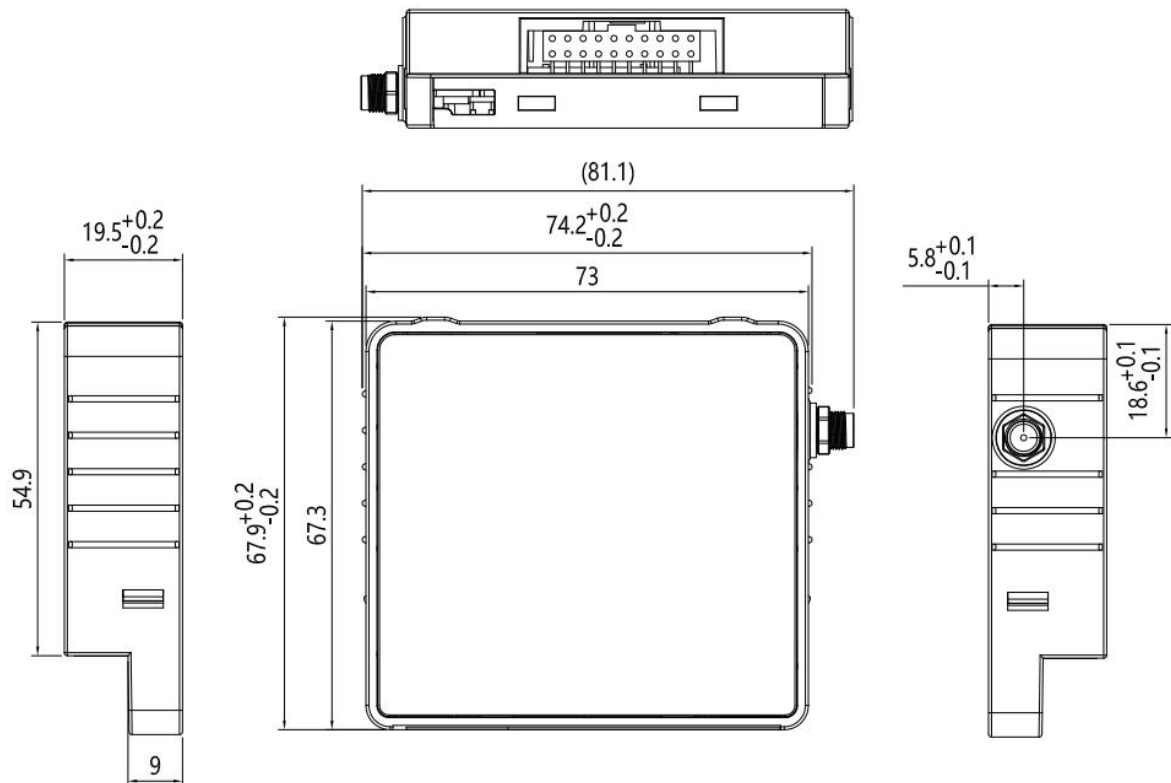
3. Electrical specification

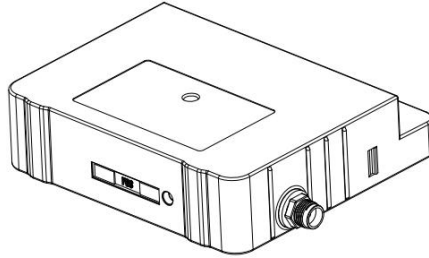
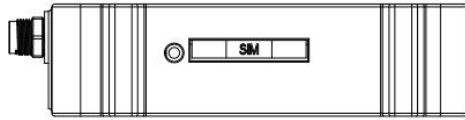
Dimensions	67.9mm×74.2mm×19.5mm (antenna not included)
Weight	About 50g
Enclosure Material	ABS Engineering plastic

4. Environmental requirements

Operating Temperature	-10~60°C
Storage Temperature	-20~70°C
Environmental Humidity	10~90%RH (non-condensing)
Vibration Endurance	10~25Hz (X/Y/Z direction 2G/30 minutes)
Cooling Method	Natural air cooling

Dimension drawings





Installation Illustration

Open the cover on the side of the rear panel
in the direction as shown in Fig.1-1.

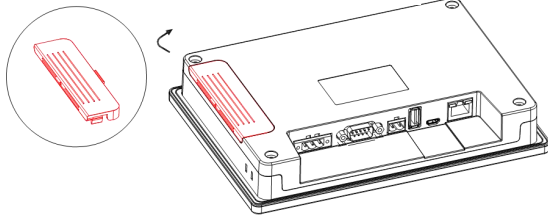


Fig.1-1

Insert the FWay module in the direction shown in Fig1-2.

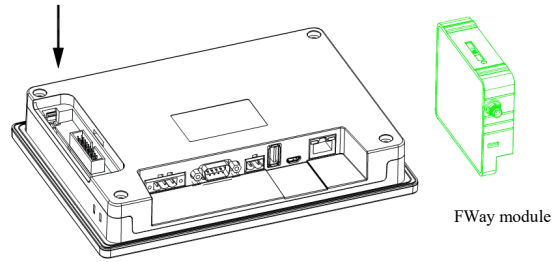


Fig.1-2

FWay installation completed.

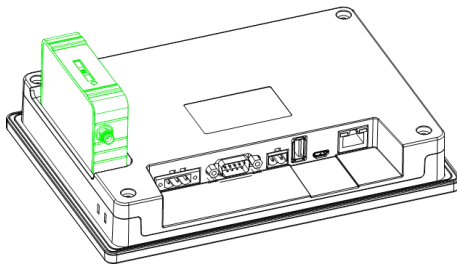


Fig.1-3

Fastener can be installed by pushed in the direction shown in Fig1-4.

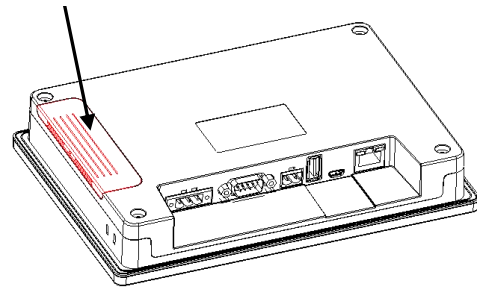
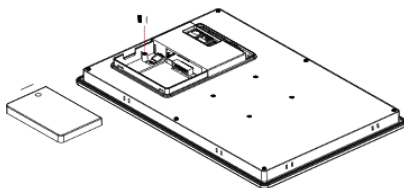
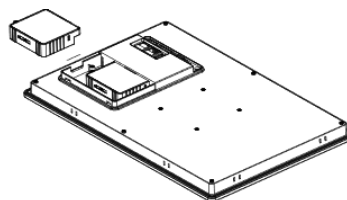


Fig.1-4

For aluminum-alloy-cased HMI,open the cover on the rear panel as shown below.



Install FWay module as shown below.



Reinstall the cover,then secure it with screws.

