General Information

1.1 Features

The MT50 remote meter, using with the controllers designed with RS485 communication, can monitor the controller's real-time working status and program the parameters.

Features:

1. Easy to install and operate

2. Real-time display of fault alarms

3. Locally reading of real-time parameters

4. Powered by the controller directly

5. Equipped with an RJ45 communication port

1.2 Main functions

Functions like real-time monitoring of system data, browsing and modifying related parameters, and restoring factory defaults are based on the LCD and functional key operation.
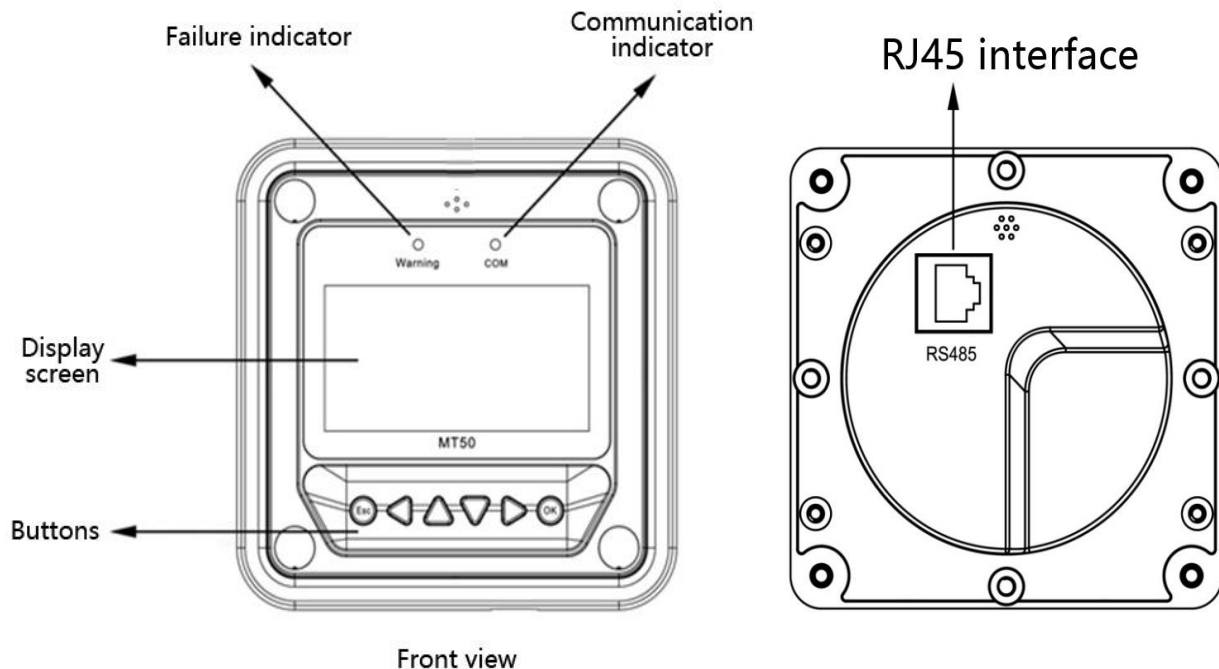
1.3 Recommendations

• **Applicable Models**

Product series	Battery type	Interface type	Communication
LS-B, GM-N, VS-BN, Tracer-BN	Battery	RJ45	RS485
iTracer-AD/ND		3.81-4P	
Tracer-BP	Battery	RS485 waterproof port	
Tracer-AN, TRIRON, XTRA	Lithium battery	RJ45	

Note:

1.   Please do not install the MT50 in a situation with strong electromagnetic interference. The MT50 comes standard with an RS485 communication cable (CC-RS485-RS485-200U). If it is connected to a controller that is not a standard RJ45 interface, please purchase an appropriate communication cable in advance.

Product Features

Front view

Module	Function
Failure indicator	Failure indicator flashes in case of failure of the connected devices. For failure information, please check the Controller Manual.
Communication indicator	Indicate communication status when MT50 is connected with the controller.
Display screen	Man-machine interaction operation interface.
Buttons	The Meter buttons include four navigation buttons and two operational buttons. See the specific directions in the Operational Manual.
RJ45 interface	Connect with the controller; it is used for communication and power supply.

Note: Please use the communication plug, marked with "MT," to connect MT50.

Main menu

Enter the Main Menu by pressing "Esc." The "Up" and "Down" buttons are respectively used to move the cursor to select the menu items, "OK," and "ESC" buttons are respectively used to enter or exit the corresponding pages of the menu items.

| 1. Monitoring
2. Device Info.
3. Test Operation
4. Control Para. | → | 5. Load Set
6. Device Para
7. Device PSW.
8. Factory Reset | → | 9. Failure Info.
10. Meter Para. |