

# MEITRACK A78 Serial Port Extender User Guide



**Applicable Model: T333/T330G**

## Change History

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## 2 Specifications

Item	Specifications
Dimension	62 mm x 45 mm x 20 mm
Input port	1 RS232 input port
Output port	3 RS232 output ports 2 RS485 output ports
Standard accessory	8-pin to 6-pin cable

## 3 Appearance

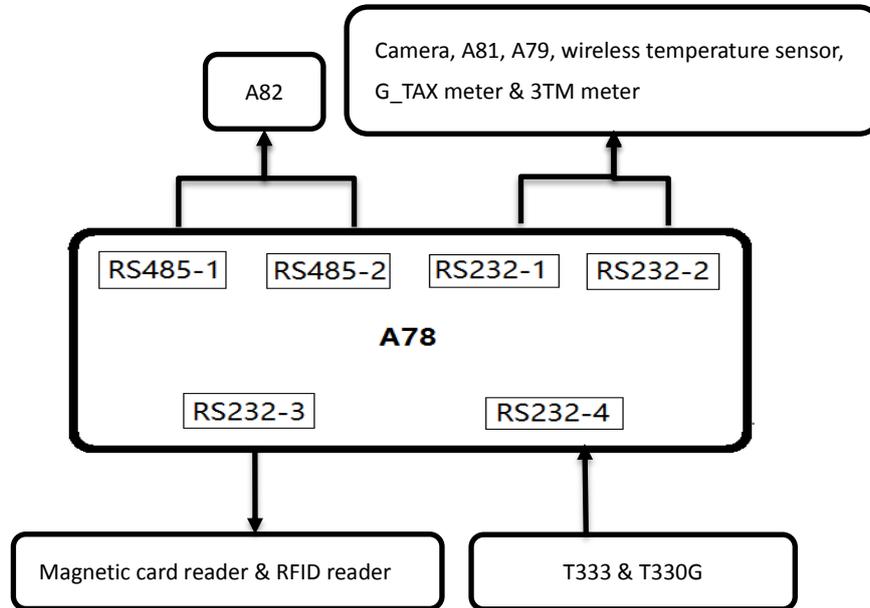


## 4 Function

The device is used for interface expansion and provides 2 RS485 ports and 4 RS232 ports (1 for connecting to the tracker and 3 for connecting to peripherals).

## 5 Installing the A78

### 5.1 Installation Diagram



Connect the A78 to the T333/T330G:



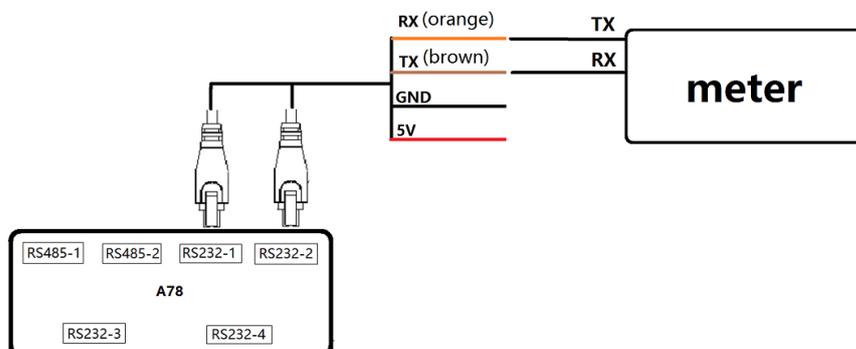
Connect the A78 to two cameras, two A82 seven-segment digital displays and a magnetic card reader:



Connect the A78 to the wireless temperature sensor:



Connect the A78 to the taxi meter:





5V	RX
GND	TX

Note:

1. There is no dedicated interface for the taxi meter, so a 4-pin output cable (optional) is required. As shown in the previous figure, connect the RX cable (orange) to the taxi meter's TX cable and the TX cable (brown) to the taxi meter's RX cable.
2. Only G\_TAX meters and 3TM meters are supported.

## 5.2 Accessory



A81 LED display



A82 seven-segment digital display



A79 LED display



Wireless temperature sensor



Camera



Magnetic card reader



RFID reader

Note: The taxi meter is not an accessory provided by Meitrack, so you should purchase it by yourselves.

## 6 Configuration

### 6.1 Configuring the A78 by Meitrack Manager

Connect the T333/T330G to a computer by USB cable and run Meitrack Manager. On the page that is displayed, click the **Peripheral** tab.

On the **Peripheral** tab page, configure the A78 as follows:



**EXT:** Select **A78**.

**RS232-1, RS232-2 & RS232-3:** Select peripherals as required.

**RS485(1/2):** Select **A82** by default.

Remarks: For details about the peripherals, see the section 5.2 "Accessory".

**If you have any questions, do not hesitate to email us at [info@meitrack.com](mailto:info@meitrack.com).**