

1. Introduction

The EV-RM30 is a TPMS receiver box with RS-232 Interface designed to integrate the TPMS solution with the Mobile DVR. The EV-RM30 can transmits matched TPMS sensors' signal, allows matching TPMS Sensor ID through Bluetooth or BTU.

2. Packing List

- EV-RM30 x 1
- 10m antenna extension cable
- Adhesive lined polyolefin tubing
- Quick Installation Guide x 1
- Cable tie
- Cable holder

3. Specification

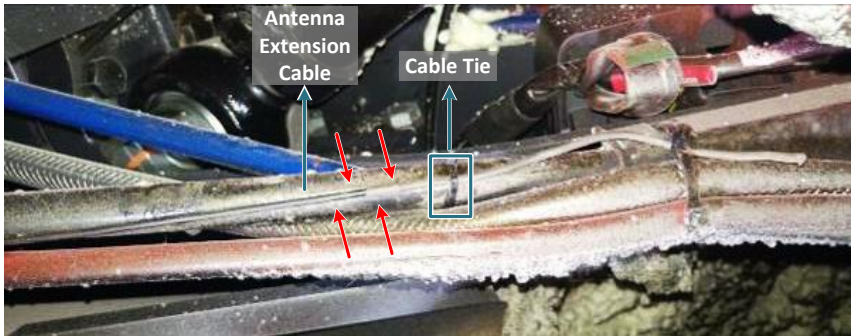
Model Name	EV-RM30
Wireless Range	20m
Interface	RS-232
Frequency	433.92MHz
Operation Voltage	9 ~ 30VDC
Operation Current	40mA
Operating Temperature	-40°C ~ 85°C / -40°F ~ 185°F
Dimensions	97.9 x 58 x 17mm / 3.85" x 2.28" x 0.66"

4. Installation

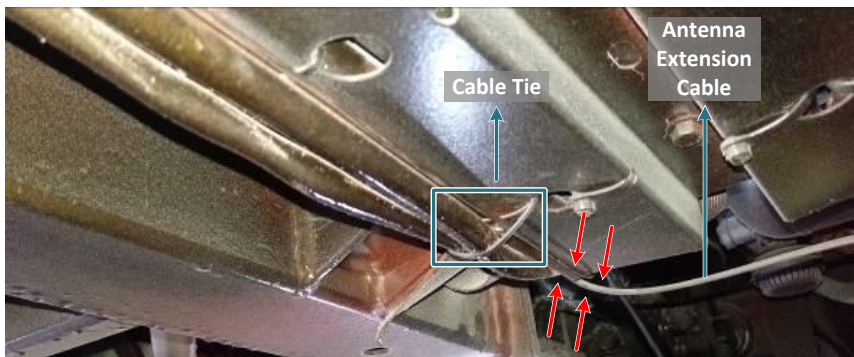
1. Connect the power cable to the 9 ~ 36V battery power, red wire to ACC power and black wire to GND, orange TX wire to the RX wire of the Mobile DVR, white RX wire to the TX wire of the Mobile DVR.



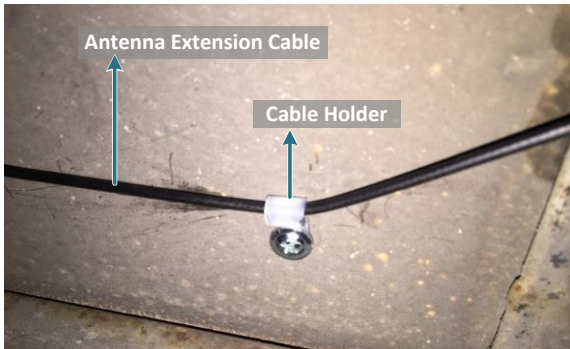
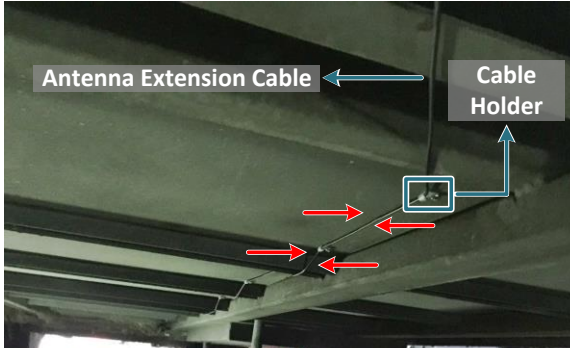
2. Connect the antenna cable with the supplied **10m antenna extension cable**.
3. Wire the antenna extension cable along the vehicle's body wiring to the chassis that near the rear wheels.



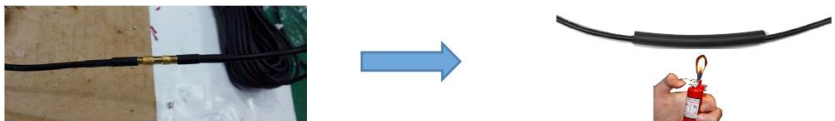
4. Fix the antenna using the supplied **Cable tie**. Do not twist the antenna cable and make sure the antenna does not touch any metal parts.



- For closed chassis, fix the antenna using the supplied **Cable holder**. When use screws to fix the **Cable holder** on the chassis, make sure to prepare screws of proper length in avoiding damage of the oil tank.



- Use the supplied **Adhesive lined polyolefin tubing** to secure the antenna connector.



- Fix the receiver box in the vehicle, near the middle-front of the rear tires using cable ties.