

ATP100 BLE External TPMS

The ATP100 external tire pressure monitoring sensor, paired with Queclink's tracking devices, allows for real-time tire pressure and tire temperature monitoring, and real-time alerts of abnormal tire pressure. The data collected by the ATP100 is transmitted to Queclink's tracking device via BLE, and then uploaded to the backend server.

The ATP100 external tire pressure monitoring sensor is easy to install, and features tamper and theft resistant design, as well as long standby time with replaceable battery.

It can be used on SUV, minibus, pickup, golf carts, motorcycle, small campers, etc.



Features

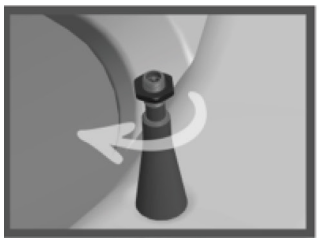
- External Tire Pressure
- BLE connect
- Real-time alerts of abnormal tire pressure
- Tire temperature monitoring
- Low battery alert
- Replaceable battery

Specifications

Operating Voltage	2.3V~3.6V
Operating Humidity	95 % MAX
Operating Temperature	-40°C to 85 °C
Storage Temperature	-40°C to 85 °C
Pressure Monitoring Range	0~92 psi (0~640 KPa)
Temperature Monitoring Range	-40°C to 85°C
Temperature reading tolerance	± 1°C
Operating Frequency	2.4GHz band
RF Transmitter Power	8dBm MAX
Average Idle current	< 3.0uA at DC 3V (1 hour)
Average running current	< 30uA at DC 3V
Peak transmitter current	<9mA at DC 3V
Battery life	About 2years (Driving four hours per day)
Normal Battery Capacity	CR1632, DC 3V, 140mAh
Size	Φ24mm*19mm

*Note: This accessary can only be used on small vehicles, not for trailers and trucks.

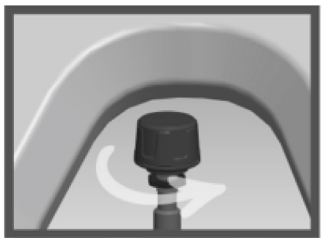
Procedure s of Installation



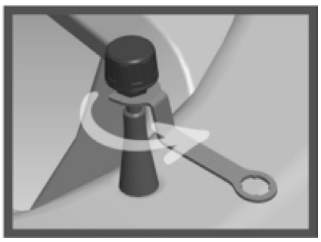
Screw the nuts to the bottom of the valve core



Screw the sensors tightly

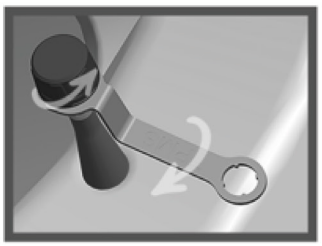


Screw the nut anticlockwise by hand



Tighten the nut anticlockwise by wrench

Battery Replacement



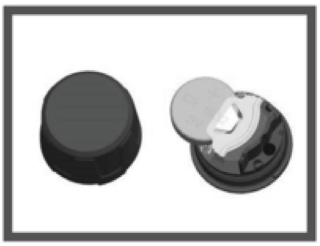
Screw the nut clockwise to separate it from the sensor by wrench and then screw out the sensor by hand



Remove the bottom cover and disassemble the case of the sensor by wrench



Or disassemble the case of the sensor by the bottom cover if the wrench is lost



Remove the old battery and install a new one (positive pole upward), then reinstall the sensor according to the installation steps above