

Truck car Tire Pressure Monitoring System



Thank you for purchasing our TPMS, which is designed to provide you with more levels of protection while driving.

It will warn you the tire condition of your car in advance. After installing TPMS, the system can monitor the tire pressure and real-time temperature. If abnormal tire pressure and temperature are detected, the system will emit a real-time warning sound and light up a flashing icon on the screen to notify the driver.

Not only real-time reminders can also deal with the problem of avoiding traffic accidents in time, but also can ensure the safety of drivers and passengers.

Types of sensors for TPMS

External sensor



Replaceable battery

Truck External sensor



Replaceable battery

Truck External sensor



Replaceable battery

Truck TPMS Color Box



Small truck TPMS Color Box



Big truck TPMS Color Box

C300 Technical Parameter

C300 Technical parameter (Solar TPMS)

C300 Technical parameter (Solar TPMS)				
The host parameter	Material	PC	Solar panel	Monocrystalline silicon matte
	Chip	Infineon of Germany	Display	Pressure, Temperature, Air leak alarm
	Modulation	FSK	Frequency	433.92MHz±20.00MHz
	Operating temperature	-20°C~+80°C	Storage temperature	"-40°C~80°C"
	Charging method	USB+Sola	Lithium battery	500MaH
	Operating Voltage	3.5~4.2V	Factory default high and low pressure values	7.0Bar-5.0Bar
	Working current	≤15MA	Factory default temperature value	68°C
	Stand-by current	< 100uA	Weight	95g
	Size	10.5*8*2.6cm	Monitoring range	0-8bar
	Installation location	Center console	Advantage	Replaceable battery, display 4 tires at the same time, independently developed and produced
Sensor parameters	Material	Nylon plus fiber/copper nozzle	IPXX	IP67
	Chip	Infineon of Germany	Frequency	433.92MHz±20.00MHz
	Sensor pressure range	0-8bar	Storage temperature	"-30°C~86°C"
	Pressure precision	"±0.1Bar"	Precise temperature	"±3°C "
	External Operating temperature	"-20°C~80°C"	Internal working temperature	-40°C~+125°C
	External sensor size	1.9.*1.9*1.5cm	Internal sensor size	6.5*1.5*12cm
	External sensor weight	20g	Internal sensor weight	80g
	External battery	CR1632	Internal battery	CR2032
Outer packing parameters	External color box size	20.5*13.8*5.2cm	Internal color box size	20.5*13.8*5.2cm
	External GW	264g	Internal GW	444g
	External QTY	44 Sets	Internal QTY	44 Sets
	Box gauge	55*43*27cm	Packing list	Monitor *1, Sensor *6, Instruction *1



C300 Setup steps



Trun on: Long press the right button for 3 seconds
Trun off: long press the right button for 3 seconds



Tire pressure matching: Short press the left button 8 times and then release it after hearing a beep of bi, enter the pairing mode, the left front wheel "-" icon flashes, short press the left button or the right button to select the tire to be matched, and then press the corresponding tire The symbol and pressure position "-" flashes, and the corresponding tire is inflated at this moment. After receiving the signal, "-" becomes the pressure value



Enter setting: press and hold the middle button for 4 seconds and then hear a sound of bi to enter the setting mode, short press the middle button and then press the left and right buttons to select the air pressure unit, temperature unit, upper pressure limit, lower pressure limit, and upper temperature limit to be set



Air pressure unit setting: select the air pressure unit, press the select key to cycle through the air pressure unit BAR or PSI, then short press the middle key to confirm and save
Air pressure setting: select the upper or lower air pressure limit, press the left and right selection keys to increase or decrease the air pressure value, and then short press the setting key to confirm and save



At this time, short press the left key or right key to switch to the next tire position to continue pairing, and follow the previous steps to match other tires. After matching, press and hold the set button for 3 seconds and then save and exit (enter the tire matching state without any action, after 3 minutes Automatically exit code matching mode)

Note:

- 1: Factory default settings, high pressure 3.0BAR, low pressure 2.0BAR, temperature 70C, restore factory settings while pressing the left and right buttons
- 2: When pairing, there must be a pressure change before pairing! ! The data of 6 tires will only be displayed when paired.
- 3: Tire interchange mode can be performed: press the middle key 8 times to enter tire interchange mode
- 4: The sensor of the small truck cannot be used with the sensor of the car

Function

PRESSURE
TIRE PRESSURE DETECTION SYSTEM

EXCELLENT IN R&D FOCUS ON QUALITY

RIBOTON TPMS

- TIRE PRESSURE DISPLAY
- LEAKING DETECTION
- TEMPERATURE DETECTION
- REDUCE WEARING
- SOLAR ENERGY
- MULTI-DATA DISPLAY
- MULTIPLE PROTECTION
- CIRCUIT PROTECTION

FIT FOR UNIVERSAL CAR



Suitable for tire pressure 6.0 Bar

C500 Technical Parameter

C500 Technical parameter (Solar TPMS)				
The host parameter	Material	PC	Solar panel	Monocrystalline silicon matte
	Chip	Infineon of Germany	Display	Pressure, Temperature, Air leak alarm
	Modulation	FSK	Frequency	433.92MHz±20.00MHz
	Operating temperature	-20°C~+80°C	Storage temperature	"--40°C~80°C"
	Charging method	USB+Sola	Lithium battery	1000MaH
	Operating Voltage	3.5~4.2V	Factory default high and low pressure values	12.0Bar-9.0Bar
	Working current	≤ 2MA Day, ≤ 4MA night	Factory default temperature value	68°C
	Stand-by current	< 100uA	Weight	160g
	Size	10.5*8*2.6cm	Monitoring range	0-13.5bar
	Installation location	Center console, Suction cup attached to the windshield	Advantage	1. Can monitor 6-38 tires 2. Long distance , stable signal 3. Automatic induction engine
Sensor parameters	Material	Nylon plus fiber/copper nozzle	IPXX	IP67
	Chip	Infineon of Germany	Frequency	433.92MHz±20.00MHz
	Sensor pressure range	0-13.5bar	Storage temperature	"-30°C~86°C"
	Pressure precision	"±0.1Bar"	Precise temperature	"±0.1°C "
			Repeater	Internal need to add to strengthen the signal
	External Operating temperature	"-20°C~85°C"	Internal working temperature	-40°C~+125°C
	External sensor size	3*3*2.3cm	Internal sensor size	6.5*1.5*12cm
	External sensor weight	21g	Internal sensor weight	80g
	External battery	CR2032	Internal battery	CR2032
Outer packing parameters	External color box size	25*17*7.5cm	Internal color box size	25*17*7.5cm
	External GW	973g (20tries)	Internal GW	2200g(20tries)
	External QTY	15 Sets	Internal QTY	15 Sets
	Box gauge	55*43*27cm	Packing list	Monitor *1, Sensor *6-38, Instruction *1,Wrench, anti-theft nut*6-38, 3M super glue



C500 Setup steps

1. Trun on or off: long press "+" to switch on or off



2. Long press "set" key to enter setting mode



3. After entering the setting interface, first set the pressure unit, Press "+" to select Bar or PSI

4. Short press the setting key to set the temperature unit, press "+" to select the unit: °C or °F

5. Short press the setting key to set the upper and lower limits of air pressure:

HI is the upper limit of air pressure: the factory default is 12.0Bar

LO is the lower limit of air pressure: the factory default is 9.0Bar

The adjustable range of air pressure is 0.8-13.5Bar

Press "+" "-" to increase or decrease data

6. Short press the setting key to set the upper limit of temperature: TP is the upper limit of air pressure, the default is 90°C, adjustable range: 50-99°C



C500 Matching operation (LF Matching + Aerated Matching)

LF Matching (LF Matching only with external sensors)



Short press "SET" to confirm the ID code



"-" Long press to beep for code matching mode

In "LF" code matching mode, long press "one" to enter the code interface and directly put the sensor on the transmitter port of the host, short press the middle button to display the ID code

The corresponding tire flashes. After the ID code appears, press "+" to replace the next tire, and pair them in sequence. If there is no corresponding ID code, a horizontal blank will be displayed. The order is from top to bottom and from left to right.



"-" long press twice to exit the code matching mode

When all the tires are debugged, press and hold the "one" button twice to exit our code matching mode (if the display is not operated in the middle, it will automatically exit the code mode after 3 minutes)

Aerated Matching

There is another matching method of code matching, which is the same as our car. You can also pair with air, enter the code mode, turn the sensor directly on the valve, the value appears, and also long press "one" to exit the setting mode.

Eight Core Design

BORN FOR SAFETY



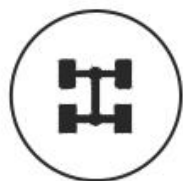
Tire Pressure Detection



Tire Temperature Detection



Leakage Detection



Multi-wheels Display



Multi-protection Design



Fuel Saving



24 Hours Monitoring



Circuit Protection

All-round Protection of Tire Safety
It was mandatory standard in other countries.

USA
2003年

EU
2012年

South Korea
2013年



Real-time Monitoring



High Tire Pressure Warn



Low Tire Pressure Warn



High Temperature Warn



Tires Protection



Preventing Blowout



Fuel Saving



Preventing Spontaneous Combustion

Certifications



ROHS



FCC



CE

Delivery Date

Quality	Delivery Date
1-1000set	Within 100 sets: 1 day 0.5K-1K: 3 days
1000-2000set	6 days
3000-5000set	10 days
More than 10000	20 days

Warm reminder: The above delivery date is an estimated delivery date, and the actual delivery date shall prevail on the day of the following order;