

Advanced GPS Tracker UM777 User Guide



Thanks for your purchase of UniGuard GPS Tracker. Please read the manual carefully. Any questions, free to contact us.



◆ Specifications

Model	UM777
Internet	2G GSM 850/900/1800/1900Mhz
Communication Protocol	TCP/IP
GNSS details	GPS and BeiDou and GLONASS Location accuracy: 10m Speed accuracy: 0.1m/s Capturing sensitivity: -148dbm Tracking sensitivity: -165dbm Cool start: <32s Hot start: <2s
GNSS antenna	25*25*2 mm Built in.
Memory	32mb + 32mb +128KB
Switch	On/Off
SIM card	Micro-SIM
Signal light	Blue for GPS, Green for GSM, Red for power
Battery	200mAh 3.7V Li-polymer Industry battery
Working voltage	9-100V DC / 24mAh (12VDVC) / 12mA (24VDVC)
Interface	5V output for alarm speaker control Support RS232 or RS485 Support engine immobilize
Working temperature	-20 °C to 70 °C
Working humidity	5 -95% RH
AGPS	Support
Size	96* 43* 20 mm
Weight	110 g

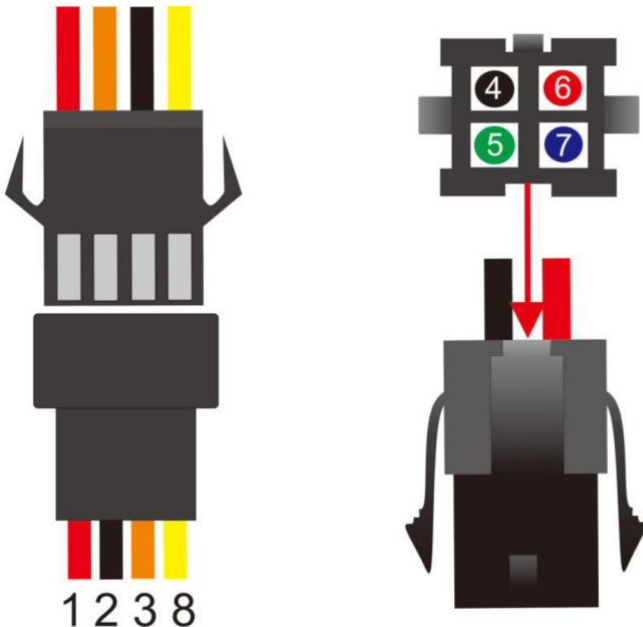
◆ SIM Card Installation

Please opens screws and insert Micro SIM card before switching device ON. The SIM card need enable GPRS data service, SMS and Call function. Please make sure SIM card have enough balance.

◆ Signal Light

Color	Flashing	Stabilized	OFF
Blue for GPS	Search GPS	GPS located	Sleep or Switched OFF
Green for GSM	GPRS online	Initialize GSM	Sleep or Switched OFF

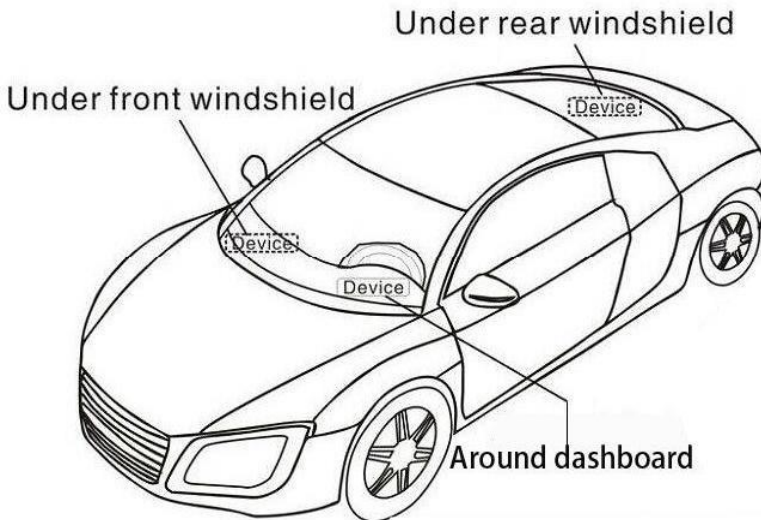
◆ Wire Connection



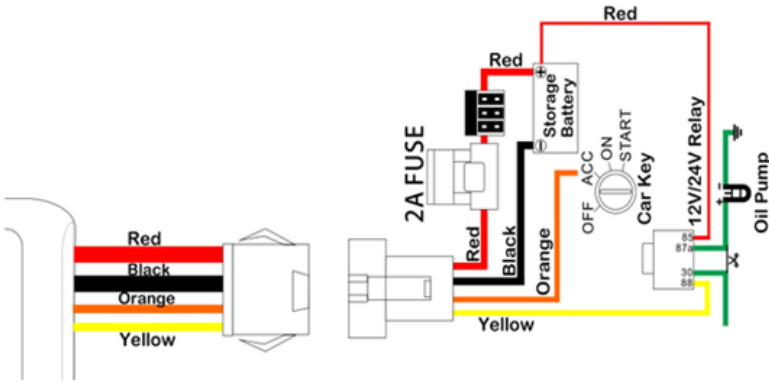
Number	Function	Connection
1	DC+	9-100V DC positive
2	GND	Battery negative
3	ACC	Car key signal line
4	Output 5V	Connect siren
5	GND	
6	RS232-TX	
7	RS232-TR	
8	Relay	Engine immobilize

◆ Installation Attentions

Metal shall shield or weaken GPS signal.



◆ Relay Installation Diagram



◆ SMS Commands

Function	SMS command	Remarks
IP Setup	<MIP=www.gpspos.net:8800,>	Default. No need Set.
APN setup	<APM=CMNET,>	
Status check	<CXEI,>	
Setup check	<CXIP,>	
Restart device	<RES=0,>	
Relay control	<OIL=1,> <OIL=0,>	Cut fuel. Resume.
Restart GPS	<SGP=1,>	
Restart GSM	<SMP=1,>	
GPRS Interval	<RPT=30,> <NTP=5,>	ACC ON, unit is second. ACC OFF, unit is minute.

◆ Web Platform GPS Tracking Software

website:

www.gpspos.net

APP:

Search POSGPS to download from Google Play.

Search GPSPOS to download from AppStore.

◆ Guarantee Card

Name		Phone	
Purchase Date		IMEI	

