



Advanced vehicle tracker A300

Product Description

A300 is an advanced model which is suitable for fleet management, public transportation management, school bus management, taxi operation management, vehicle insurance company management, rent car management and private car anti-theft, etc. A300 supports RS232 and 1-Wire protocol, this enables A300 to have powerful functions such as taking pictures, driver identification and management, impulse detection and temperature monitoring.

Besides the advanced functions, A300 has full functions to cover the normal demands of vehicle tracking. Not only has fuel monitoring, harsh acceleration/braking alarm, driving behavior analysis, but also has custom digital input, jamming detection, two-way calling and OTA functions. A300 uses own FIFOTRACK GPRS PROTOCOL which is simple and practical, this enables the customers to integrate on their own platform efficiently.

Specification

Dimension	90*60*27mm
Weight	145g
GSM Module	SIMCOM800C
GPS Module	U-blox7Q
Input Voltage	DC 11~36V/1.5A
Internal Battery	600mAh/3.7V
Power Consumption	30-35mA standby current
Internal Battery Lif	Standby 15 hours, normal working mode 6 hours
Operating Temperature	-20°C~70°C
Humidity	5%~95%
LED Light	3 LED lights indicating GPS/GSM/External power status
Button/ Switch	1 SOS Button, 1 power switch
Flash Memory	8MB
Sensor	3D Acceleration Sensor
GSM Frequency Band	GSM 850/900/1800/1900MHz
GPS Sensitivity	-161dBm
GPS Start Speed	Cold start 35s Hot start 1s
Position Accuracy	10m
RS232 Port	Default connect to camera
I/O Port	4 Digital 1 negative input; 2 custom input (Default 1 positive input, 1 negative input) 2 Analog input, 12bits resolution; AD1: 0~6V, AD2: 0~12V 2 Output 1 Impulse detection (Default speed ometor detection)