FA-888 - GPS Tracking with WiFI Download

Features

♦ GPS Tracking and Logging with Programmable Rate

♦ Automatically Downloads using WiFi

♦ 8MB Memory for data logging

♦ 1 x Ignition Input

♦ 3 x Auxiliary Inputs

♦ Accelerometer (monitors driver behavior)

♦ Power input 4 – 30V DC

♦ 66 Channel GPS

♦ Receiver sensitivity as low as –150dBm

♦ Internal everything

Benefits

♦ IMPROVE ACCOUNTABILITY AND PROVIDE AUDIT DATA

♦ CUT COSTS AND TIME DRAMATICALLY

♦ MONITOR IN FIELD ASETTS, PROTECT PERSONNEL

♦ REDUCE DRIVER ABUSE

♦ INCREASE RESPONSE TIMES

♦ REDUCE OVERTIME

♦ PROTECT PERSONNEL

♦ IMPROVE DRIVER RESPONSIBILITY

♦ REDUCE BACK-TRACKING ACROSS ROUTES

♦ IMPROVE CUSTOMER SERVICE

♦ REDUCE FLEET COSTS

♦ INCREASE PRODUCTIVITY AND FLEET USE

♦ IMPROVE MANAGEMENT ANALYSIS

Presenting the FA-888 – an economical and powerful GPS asset tracking logging device with automatic WiFi download—no monthly cellular airtime bills!

The FA-888 provides ultra sensitive GPS tracking, internal GPS antenna, on board 8Mb flash memory for storage and automatic WiFi download (802.11b/g/n Complaint) with WPA2 Encryption.

The FA-888 is compatible with the FleetLinc web-based fleet management subscriber service and POWER-trak3 Enterprise PC/Server Tracking and Fleet Management Software or your choice of software.

GPS
WIRELESS TECHNOLOGIES

GPS

Chipset	MediaTek MT3329
Channels	66 channels
Antenna	Internal
Frequency	L1, 1575.42 MHz, C/A code
Acquisition sensitivity	-148 dBm
Tracking sensitivity	-165 dBm
Position accuracy	3.0m 2D-RMS
	2.5m 2D-RMS (DGPS)
Time to first fix	<35 seconds (cold start)
	<34 seconds (warm start)
	<1 second (hot start)
DGPS	SBAS (WAAS, EGNOS, MSAS, GAGAN)
AGPS	Supported (offline)
Temperature range	-40 to +85 C

WiFI

Network Standard Support	IEEE 802.11b/g/h/i, 802.11 n/k
Data Rates	802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5, 65 Mbps
	802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
	802.11b:1,2, 5.5,11 Mbps
Antenna	Internal
Frequency Band	2.412 - 2.484 GHz
Modulation Techniques	OFDM with BPSK, QPSK, 16-QAM, and 64-QAM 802.11b
with	CCK and DSSS QoS WMM and WMM
Wireless Security 802.11i:	AES, TKIP, WEP, WPA, and WPA2

Memory

Capacity	8MB
File system	Custom

Power

Input	4-30V DC
Sleep	<1 mA
Acquisition	50 mA
Tracking	40 mA
Uploading	200 mA

GPS
WIRELESS TECHNOLOGIES

Connector Pin Out

Pin	Description	Range
1	Ignition input	0-36 V
2	Analog 1	0-36 V
3	Analog 2	0-36 V
4	Analog 3	0-36 V
5	CAN High	Option
6	CAN Low	Option
7	TTL Serial RX	0-5 V
	USB 5V input	0-5 V
8	TTL Serial TX	0-5 V
9	USB D+	0-3.3 V
10	USB D-	0-3.3 V
11	Ground	0 V
12	Power input	4-30 V

CES Compatible Mapping/Dispatch Software

♦ FleetLinc - Web Based Subscriber Service

♦ POWER-trak 3 - PC/Client/Server

♦ trak-CONTROL—API for third party software applications, CAD, 911 etc.

♦ FleetControl—standalone API for your own Tracking Software

Dealer/Distributor: