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.





Tel: 321-300-1781 ext 524 Fax: 321-300-2056 sales@GPSWirelessTechnologies.com

FA-888 - GPS Tracking with WiFI Download

GPS

Chipset MediaTek MT3329

Channels
Antenna

66 channels
Internal

Frequency L1, 1575.42 MHz, C/A code

Acquisition sensitivity

Tracking sensitivity

Position accuracy

-148 dBm
-165 dBm
-165 dBm
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)

Supported (offline)

Temperature range -40 to +85 C

WiFI

AGPS

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



Tel: 321-300-1781 ext 524 Fax: 321-300-2056 sales@GPSWirelessTechnologies.com

FA-888— GPS Tracking with WiFI Download

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
4 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:	

© Copyright 2014 GPS Wireless Technologies, All Rights Reserved. Not to be reproduced in whole or in part without written consent. All information contained in this document is carefully prepared and offered in good faith as a guide in the installation, use, and servicing of our products. Installers must ensure that the final installation operates satisfactorily, within relevant regulatory requirements. We accept no responsibility for incorrect installation. All Sales subject to Terms and Conditions of Sale, a copy can be found at our web site. We reserve the right to change products, specifications, and installation data at any time, without notice. Printed in USA. Sunday, December 13, 2015