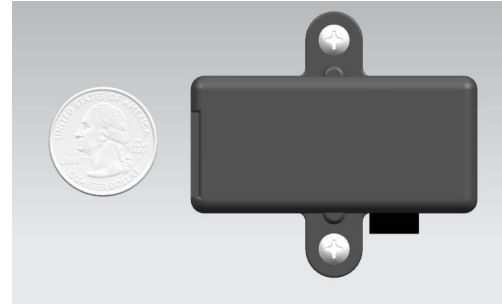


FA-888 - GPS Tracking with WiFi Download

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



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 Compliant) with WPA2 Encryption.

The FA-888 is compatible with the CES FleetLinc web-based fleet management subscriber service and POWER-trak3 Enterprise PC/Server Tracking and Fleet Management Software

Benefits

- ◆ IMPROVE ACCOUNTABILITY AND PROVIDE AUDIT DATA
- ◆ CUT COSTS AND TIME DRAMATICALLY
- ◆ MONITOR IN FIELD ASSETS, 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



CES WIRELESS TECHNOLOGIES CORP.
925-122 S. Semoran Blvd
Winter Park, FL 32792 USA



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Fax: 407-679-8110
e-mail: sales@ceswireless.com
Web Site: <http://www.ceswireless.com>

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 with	OFDM with BPSK, QPSK, 16-QAM, and 64-QAM 802.11b 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

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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

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