MobilEyze™ CAN/Wi-Fi Embedded Module

Description

Introducing the MobilEyze Embedded CAN/Wi-Fi Module from MobilEyze, LLC. Designed with affordability in mind, this CAN to Wi-Fi device enables mobile devices to interact with CAN networks. With 4MB of on-board storage, the device can also be used for basic data logging needs. Capable of logging at rates of 1ms, this device is an ideal choice for any CAN bus environment. Built in key switch detection and keep-alive circuitry ensure clean shutdowns and proper file closures.

Features

- CAN to Wi-Fi (802.11)
- CAN data logging
- Real-time clock with battery backup providing date/time information for log files
- Key switch detection
- 3 Bi-Color status LED's

Contact us about developing custom applications for your product needs.

Microprocessor:

- LPC 2368 ARM7 TDMI-S running at 72 MHz
- 512KB on-chip flash memory
- 32kB SRAM on the ARM local bus
- 8kB SRAM for general purpose DMA

CAN:

- Single High Speed CAN 2.0B
- Full implementation of the CAN-Protocol in accordance with the CAN Specification Version 2.0B, ISO 11898-1
- Up to 1Mbit baud rate

Wi-Fi:

- 802.11 b/g
- Secure Wi-Fi authentication schemes (WEP/WPA/WPA2)
- Protocols include DHCP,DNS,HTTP,TCP,UDP
- Adjustable output power 0dBm to 10dBm

Operating Environment:

- 6.5-27VDC
- -40°C to +85°C

User Interface:

- 3 Red/Green Bicolor LED's

Enclosure:

- Hammond 1593K - Black
- 2.6" x 2.6" x 1.1"

Connector:

- Phoenix contact Combicon MC 1803303
- Mating Half 1803604

On-Board Storage:

- 32Mbit Serial Flash

Other:

- Real-time clock with battery backup
- Key switch detection through analog input