

FLH

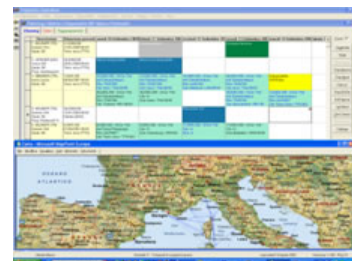
FLEET LIGHTHOUSE

High Technology, All in one, 5,7", AVL

... a unique and sophisticated Automatic Vehicular Locator (AVL) to meet all professional needs in fleet management



- Size: 230x150x40 mm (with no bracket)
 - PXA270 CPU @ 416 MHz or 520 MHz with Windows CE© 5.0 Operating System
 - 64MB Flash
 - 128MB SDRAM
 - Customizable SDK package for OEM Developers
 - 640x480 VGA TFT 5,7" Color LCD with LED back light
 - Integrated Touch-Screen pad
 - 6 key capacitive keyboard with LED back light
 - 20 channel SIRF Star III GPS interface
 - Quad band GSM/GPRS Modem
 - External Compact Flash Connector (with optional blinding cap)
 - External Smart Card (chip card) connector
 - External USB master connector plus internal master and internal slave connectors
 - Optional internal GSM antenna
 - Optional internal GPS antenna
 - DII libraries available for easy OEM integration
 - Automotive certification available
- Battery backup up to 30' in active conditions
 - 2.5 mm audio Jack for headphone connection
 - Embedded speaker and microphone for system audio and GSM hands free functionality
 - 4 Digital Input
 - 1 Odometer input
 - 3 Digital Output
 - 1 CAN BUS Hi Speed ISO 11898
 - 3 RS232
 - 1 serial tachograph interface
 - Safe driving integration via support for Lane Departure and Front Collision avoidance
- Easy integration with many Fleet Management SW
 - Customizable case colours or logo for OEM quantities.
 - Strong commercial policies and exclusive agreement for specific areas.



MORE THAN 15.000 DEVICES IN FIELD

WHY FLH

Vehicle Telematics

FLH collects and reports on vehicle and driver behaviour such as speeding, safe driving, excessive idling, helping to improve fuel efficiency and increase safety. Real-time vehicle data is captured, making fleet maintenance programs more efficient.

Automatic Vehicle Location

FLH's integrated GPS receiver and GPRS modem provides real-time status and location information for fleet vehicle tracking and driver notifications.

Navigation

FLH TFT display has a last generation LED Backlight for best view of maps and delivers turn-by-turn voice prompts that help drivers quickly reach their destination in order to improve response times and lower fuel consumption.

Driver Configuration

The Smart Card reader enable a simple handling of drivers information.

Mobile Workforce Management

Paperwork is reduced with the real-time electronic dispatching and management of work orders. All driver activities are tracked, from start to finish.

Voice Communications

The integrated hands free and cell phone capabilities provide a voice solution for your fleet.

Easy Antennas

The GSM and GPS integrated antennas, save installation time (and money) avoiding long time cabling antennas. This avoid also failure due to accidental antenna cable slots or mistreatments.

Easy Installation

All signals are carried in trough four Microfit® connectors. Non standard bracket available on request for specific installation needs.

OEM INTEGRATORS:

Tools and Utilities

Comprehensive, easy-to-use, and reliable, FLH's custom-designed tools and utilities for easy interfacing with FLH's functionalities. The SDK offers straight forward integration and device/application configuration.

Tens of DII's are available for developers:

DII availability includes: Can, Smart card, GPS, GSM, GPRS, serial ports, registry, tachometer, digital tachograph, digital I/O, keyboard, keypad

Embedded Navigation

The Navigation SDK delivers fast graphics, route calculations, and automatic re-routing, as well as clear voice annunciation and multi-language capabilities. The navigation tool can be embedded into applications and programmatically controlled.

Software Support

Standard communication SW is available for quick integration. On request a custom communication SW can be supplied. Tools are available to facilitate the deployment of consistent device settings (i.e. power management, audio & backlight settings), and configure devices. FLH DII's includes a CAN bus driver for the CAN controller. The application software can read and write any message using this driver. It is also possible to set up a programmable number of queues where the driver puts specific incoming messages, discarding all other messages. We have a specific support for FMS, using the services of our CAN driver



FLH® is a registered trademark of DMD Computers s.r.l.

FLH is engineered and produced in Italy by DMD Computers s.r.l.

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