



# Mobile PIM

The Mobile PIM (Passenger Information Monitor) is an integral part of the Mobile Knowledge family of products and services. Mobile Knowledge is a world leader in mobile data communications, dispatch and GPS-based vehicle location tracking systems. Mobile Knowledge offers a family of products and services allowing fleet and vehicle owners to increase mobile worker productivity and improve asset utilization.

Intel XScale Processor and Microsoft Windows CE 5.0 supported by 64Mb Ram and 64Mb Flash memories

FAST

High Performance, Damage Resistant, Color NFI TouchScreen Display and Built-in Speaker

Optional State-Of-The-Art Dead Reckoning GPS receiver

Integrated Magnetic Swipe For Credit Card Processing

FLEXIBLE

Smart Meter Interface and USB Port for Peripheral Device Connection

Public Data GPRS/1XRTT and Wireless Lan (Wi-Fi) Capability

Mapping and Multimedia Application Capability

## Mobile PIM

New service enhancement initiatives being considered by taxi authorities in many cities will require vehicle owners to provide their passengers with safety and service announcements, point-of-sale capability (including major credit card processing) location maps, news, weather, sports, etc.

Such services rely upon state-of-the-art purpose built computing technology. The **Mobile Knowledge Mobile PIM** is designed to help you keep pace with these changing requirements.

The Mobile Knowledge Mobile PIM combines advanced processing power with a large, easy-to-read color touch display. It also includes integrated GPS, a magnetic card swipe for in-vehicle point-of-sale applications and internal speakers for rich multimedia.

The Mobile PIM's sleek and contoured form is intended to compliment modern vehicle interiors and is designed to be mounted in the shield between the passenger and driver compartments. Supported by Mobile Knowledge's patented **Mobile Media** software, the content and application possibilities for your passenger are virtually limitless. The Mobile PIM will dramatically increase your service offering and differentiate you from your competition.

Mobile Knowledge has also partnered with advertising content providers to help you offset the cost of the purchase of equipment and monthly service costs in cities where advertising is permitted.

Combined with the optional Driver Interactive Unit and your meter, the Mobile Knowledge Mobile PIM is the communications hub of your complete in-vehicle data solution.

FEATURE-RICH



Mobile Knowledge

## Contact US

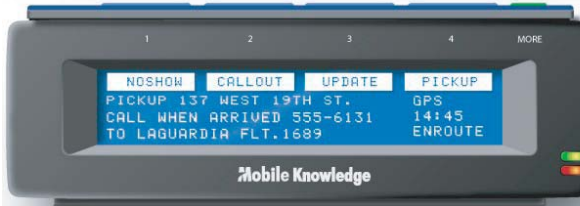
Mobile Knowledge  
Corporate Headquarters  
308 Legget Drive  
Ottawa, Ontario  
Canada K2K 1Y6  
Tel. ++613.287.5020  
NATF. 1.866.624.5330  
Fax. ++613.287.5021  
sales@mobile-knowledge.com

Burlington Office  
5575 North Service Rd.  
Burlington, Ontario  
Canada L7L 6M1  
Tel. ++905.335.4090  
NATF. 1.888.478.4444  
Fax. ++905.335.0073

UK Office  
PO BOX 18246  
Aberdeen, Scotland  
AB21 0ZP  
Tel. 07812 342684 (Within UK)  
++44 (0) 7812 342684 (Outside UK)  
uksales@mobile-knowledge.com



Optional Driver Interactive Unit



### Optional Accessories/Features:

- Driver Interactive Unit
- Wireless LAN (Wi-Fi)
- External GPRS or 1XRTT Modem
- Internal 256-512Mb MMC Memory
- Dead Reckoning

### Included with the Mobile PIM:

- 12 Channel GPS Receiver
- GPS Antenna
- Cable Assemblies
- 64Mb SDRAM
- 64Mb Flash
- Integrated Magnetic Card Swipe
- Internal Speaker
- 10.4" LCD Color Display
- Touch Screen
- Panic Button

## Mobile PIM

### Product Specifications

#### Electronics

CPU	Intel XScale
Memory	64MB SDRAM 64MB Flash Expansion of Flash Memory to >1GB via CF/MMC slots
Display	10.4" VGA, 64K Color 3M NFI Touchscreen
Input/Output	RS-232 Ports 1 x Full, 3 x Tx/Rx/Gnd USB Host Discreet Inputs 4 Discreet Outputs 2 Power Out 12VDC (max. 500mA)
Audio	Internal Speaker
Power Supply	9-36VDC



#### Software

OS	Windows CE.NET (5.0)
Application	Mobile Media
SDK	Visual Studio Software Development Kit

#### Environment

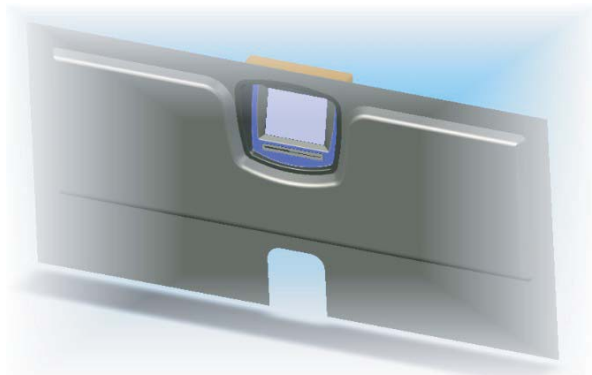
Temperature	Operating -10°C to +65°C (Contains high temperature shut-down protection) Storage -20°C to +70°C
Humidity	5% to 95% non-condensing

#### Other Features

GPS	12-Channel Parallel Tracking
Mag-Swipe	Track I & II Card Reader

#### Optional Hardware Configuration

Wireless LAN	802.11b Module (Internal)
Memory Card	Internal 256MB Compact Flash (Advertising, Map Data, etc.)
GSM/GPRS	Class 10 GPRS Modem
Smart Card/PIN	MobilePOS PIN Pad w/ Mag. Swipe & Smart Card Reader (External)
Printer	MobilePOS Thermal Printer (External)
GPS	Dead Reckoning



Mobile PIM Shield Installation