



Series 9000 For OEM

The Series 9000 MDTs are an integral part of the Mobile Knowledge family of products and services. Mobile Knowledge has built the Series 9000 product line with OEM intent so you can add the value required to meet the unique needs of your vertical market. Full SDK (software development kit) tools are available for the Series 9000 MDT products to facilitate your custom application development.

Series 9000 MDTs

The **Mobile Knowledge Series 9000 MDTs** represent the third generation of rugged, purpose-built, in-vehicle Windows CE terminal available from Mobile Knowledge. The Series 9000s are based upon industry standard components including an XScale processor, and harnesses the power of Microsoft Windows CE.

The Series 9000 mobile data terminals (MDTs) feature advanced processing power and I/O capabilities unparalleled in the industry today. The Series 9000 MDTs are available with either a 5.7" (9006 MDT) or an 7.5" (9008 MDT) display. Driven by an Intel XScale processor and a large, easy-to-read color touch display, the Series 9000 MDTs are designed to handle advanced mobile data applications today and well into the future.

The feature-rich Series 9000 MDTs can be commissioned on both private radio and public data communications networks. It includes GPS, integrated magnetic card swipe, optional taximeter, internal speaker(s) and "hands free" headset jack. Also included are CF, SD, Micro SD and USB ports for memory expansion and plug-and-play peripheral connectivity.

The Series 9000's sleek and contoured design is intended to compliment modern vehicle interiors while setting a new standard in mobile data communications technology. Coupled with advanced dispatch software the Series 9000 MDTs can dramatically increase the efficiency of your customer's operations, and differentiate them from their competition.

FAST

XScale Processor and Microsoft Windows CE supported by 128MB RAM and up to 4GB Flash memories

Color TouchScreen Display,
Built-in Speaker(s)

Contains a state-of-the-art
50-channel GPS receiver

Integrated Credit Card Swipe,
Compact Flash and MultiMedia Card Ports

FLEXIBLE

USB Port for Peripheral
Device Connection

Third Party Applications
Including Navigation and Text-To-Speech

FEATURE-RICH

Integrated
TaxiMeter



Mobile Knowledge

Features:

- XScale Processor
- Microsoft Windows CE
- 128MB SDRAM
- 4GB Flash Memory
- Touch Screen and 64K Color Display
- Integrated Magnetic Card Swipe
- Internal 50 Channel GPS Receiver
- Internal Speaker(s)
- USB, Compact Flash and Secure Digital Ports

Optional Hardware Accessories:

- 2G or 3G Modem (from local wireless service providers)
- External USB Keyboard
- Internal Micro SD Memory
- Vehicle Mounting Bracket
- PMR Modem

Series 9000 MDTs

Product Specifications

Electronics	
CPU	XScale (ARM)
Memory	128MB SDRAM 64MB Flash Expansion of Flash Memory to 4GB via Micro SD slot
Display	5.7" or 7.5" VGA, 64K Color Armored Resistive Touchscreen
Input/Output	R5-232 Ports 1 x Full, 3 x Tx/Rx/Gnd USB Host Discreet Inputs 4 (Emergency, Odometer, Input 0, Input 1) Discreet Outputs 2 (Roof Light, External Buzzer) Power Out 12VCD (max. 500mA)
Audio	Speaker(s), Hands-Free Jack (2.1mm)
Power Supply	9-36VDC
Software	
OS	Windows CE
SDK	Visual Studio Software Development Kit
Environment	
Temperature	Operating -10°C to +65°C (High temperature shut-down protection) Storage -20°C to +70°C
Humidity	5% to 95% non-condensing
Other Features	
LED Indicators	Power, GPS and Communication Status
GPS	50-Channel Parallel Tracking with Antenna Supervisor
Mag-Swipe	Integrated Track I & II Card Reader
Optional Hardware Configuration	
Wireless LAN	802.11g Module (External)
Memory Card	Internal 4GB Micro SD (Navigation Map Data, etc.)
GSM/GPRS	Via External USB Modem, CDC Class (not from Mobile Knowledge)
Smart Card/PIN	MobilePOS PIN Pad w/ Mag. Swipe & Smart Card Reader (External)
Printer	MobilePOS Thermal Printer (External)
Taximeter	Internal Taximeter
Radio Modem	Conventional (UHF/VHF) (Internal)
Navigation	Turn-by-Turn Street Level Routing (Map Data Required)
Certification	
FCC	Class A Part 15
ICES	003
EC Directive	95/54/EC
CE Mark:	Yes



9008 MDT



9006 MDT



Top



Right



Left

Mobile Knowledge is continually improving upon our industry leading products and therefore, product specifications are subject to change without prior notice.