

MIG 728 is a state-of-the-art in-vehicle data terminal that caters for all kinds of fleet management solution. It is specially designed to withstand extreme conditions in any vehicular environment. MIG



MIG 728 - Mobile Data Terminal

The computer solution for your vehicles

728 utilizes the Intel

StrongARM SA1110

206MHz RISC processor with on board memory of 64MB SDRAM, and a built-in Disk-on-chip flash ROM of up to 32MB for high demand applications and high volume storage needs.



SPECIFICATIONS

Processor & Operating System

StrongARM SA1110 206MHz RISC processor
Window CE 3.0

Display

7" 16-bit colour Anti-Glare TFT LCD display
Wide-VGA 800 x 480 resolution
Resistive Touch Panel
Brightness of 400 nits

Memory / Storage

64MB SDRAM
32MB Flash ROM
16MB Disk-On-Chip (Option 32MB)

Power

DC Input: 9V - 16V; Optional : 9V - 32V
Current Consumption: 600 mA (Typical)

Audio Interface

Built in Speaker and Microphone
Built in Mobile phone ear jack for hands free operation

Physical Specification

Dimension: 206mm x 140mm x 35mm
Weight: 750g

Casing: Industrial Plastic

Communications & Interface Ports

1 x PCMCIA Type II Slot
1 x Host USB Port
1 x 50 Pin D-Sub Serial and I/O Expansion Ports
1 x GPS Antenna Port
1 x GSM/GPRS antenna Port

External Junction Box

Built-in rechargeable Ni-MH battery
1 x 50Pin D-Sub Port connection to the MDT, expansion to:

- 8 x RS232 Ports
- 4 x Digital Input Ports, 4 x Digital Output Ports

1 x Input Power Port to power source (car battery)

1 x Output Power Port to MDT

GPS Receiver (Option)

Built-in 12 channel GPS receiver module
Accuracy - 10m without SA imposed
Hot/Warm/Cold start time - 8/38/45 sec
Support NMEA-0183 protocol

Wireless Communication Module (Option)

Built-in Class 8 Dual-band GSM/GPRS module
Supports both voice and data communication

Software (For Windows Ce 3.0)

Internet Explorer v.4.01
GSM phone application (Voice and SMS)
Virtual Keypad
Software Support Package

ENVIRONMENTAL SPECIFICATIONS

Temperature

Operating temperature: 0°C to 60°C
Storage temperature: -30°C to 70°C

Humidity

Relative humidity: 5% - 95%RH

Vibration

MIL-STD-810E Basic Land Transportation

Regulation

EMC Regulation: CE
VCA (eMark)

APPLICATIONS (Optional)

Fleet management
Mobile Track and Trace
Taxi Management System

ACCESSORIES (Optional)

GPS antenna
GSM antenna
Mounting Bracket

