

DILUPE

DMT-50

The DMT-50 a mélange of global thinking, tomorrow's technology, dependability, and bottom line affordability!



The DMT-50 Mobile Data Terminal is a dependable in-vehicle secure two way text messaging data terminal, providing fast and dependable communication for today's mobile workforce, by sending and receiving messages from the office straight to the dashboard of your company vehicle.

The DMT-50 Mobile Data Terminal interfaces directly with your AVL in-vehicle telemetric system. Based on the client specific software application, the DMT-50 can communicate over most global communication platforms such as Inmarsat D+, GPRS, GSM, Iridium, TETRA, CDMA...

Programming the DMT-50 is easy using the software tools offered in our Evaluation Package.

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The DMT-50 Key Features

Proven reliability

DILUPE's reputation for designing and building endurance rated industrial Data Terminals is evident with the new DMT-50. Based on its predecessor the DMT-500, the new DMT-50 will still be in service, achieving extraordinary levels of reliability, long after our competitor's products will have been replaced.

Small footprint

Compact dimensions make the DMT-50 MDT easy to install and use inside the vehicle.

Built to withstand the tough vehicle environment

Both the enclosure and electronic components of the DMT-50 MDT have been designed for the extreme temperature range and jolts that a unit operating within a vehicle must endure.

Operator Ergonomics

The high contrast display, the oversized keys, tactile feedback and specially designed layout of the keyboard as well as backlighting for display, all contribute to user comfort when operating the DMT-50 MDT.

Available with 3 different display's



Specifications

Mechanical

| Dimensions: | Inches | Millimeters |
|----------------|-----------------------------|--------------------------|
| Enclosure | 4.58" L x 2.87" W x 1.18" H | 116.5 L x 73.0W x 27.0 H |
| Mounting plate | 4.11" L x 2.40" W x 0.08" H | 104.5 L x 61.0W X 2 H |
| Weight: | 0.308 Lbs | 140 Grams |

Environmental

| | Fahrenheit | Celsius |
|------------------------|-----------------|----------------|
| Operating Temperature: | -4°F to +140°F | -20°C to +60°C |
| Operating Humidity: | < 75% RH | |
| Storage Temperature: | -22°F to +176°F | -30°C to +80°C |
| Storage Humidity: | < 93% RH | |

Electronic

| | |
|------------------|---|
| Intelligence: | Industry standard 32 bit ARM7 TDMI CPU |
| Memory: | Up to 256 Kbytes flash memory. Up to 64Kbytes RAM. Up to 512bytes EEPROM. |
| Interface types: | 2 Digital I/O's 0-30 VDC (3V up = High) 2 RS232 interfaces |
| Display: | Monochrome LCD Character Display 2 x 16 Chars or Character Display 4 x 20 Chars or Graphic Display 122 x 32 pixels |
| Keyboard: | 4 key tactile keyboard |
| Power supply: | Switched mode power supply. Wide input voltage. (9-28 V) |

