

DT40V

In-Vehicle Data Terminal



- ▶ Selectable character sizes
- ▶ Adjustable backlighting
- ▶ Sealed membrane keyboard
- ▶ Rugged Construction
- ▶ Internal shock-mountings
- ▶ Stainless steel chassis
- ▶ Ball-joint mounting bracket
- ▶ Customisable key legends
- ▶ Wide Temperature Range

The DT40V Data Terminal is a robust, simple to use device intended for in-vehicle applications where small size and high durability are required.

Functions include software/hardware handshaking, baud rate to 38400, direct cursor positioning, function key soft labels, reverse video, partial VT100™ emulation, graphics and language characters, and selectable character sizes that can be mixed on the same screen.

Temperature compensation maintains optimum display contrast over the entire operating range of -10 to +70°C. The backlight has 8 levels of brightness, adjustable from the keyboard.

The simple keyboard has large tactile keys and is augmented with 5 "soft" keys. Alternatively the keyboard can comprise up to 27 keys, customisable using CorelDraw and using our in-house digital print technology.

There are 2 digital inputs and 2 digital outputs fitted as standard. Extra I/O or serial ports can be added as an option.

Display

Selectable Character Sizes :

- 8 lines x 40 characters
- 4 lines x 40 characters
- 4 lines x 20 characters
- 2 lines x 20 characters

Adjustable brightness backlighting
LED lighting for long life

Operates from 12vdc and 24vdc power

Communications

RS232 Standard
Options for
RS422/485
RS485 MultiDron

Option Boards

2nd/3rd Serial Port
Digital I/O + Analog Inputs

MagCard/Barcode Decoder Option

Integral decoder for connection to
swipe readers



A ball-joint mounting bracket simplifies and optimises installation, or a conventional 4 point fixing can be used. The fixing points attach directly to the internal stainless steel chassis to which the display and CPU module are rubber shock-mounted.

Dimensions

190x135x40mm + 120mm for the balljoint bracket
Add 17mm to depth of box when option board fitted

 Industrial
Data Products
Limited

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