WDT3200

Mobile Data Terminal

General Description

The WDT3200 is a ruggedised, general purpose Mobile Data Terminal (MDT) styled for ease of use by a vehicle-based field operator. It includes a full qwerty keypad for easy and rapid message input.

With powerful on board processing capabilities the WDT3200 may be configured for many different forms of mobile data dispatch and field job management requirements. The user interface is highly flexible and dynamically configurable over the air and it may be customised for individual applications providing fast to market solutions for wireless data solutions providers and mobile communications suppliers.

The WDT3200 is capable of being connected via cellular, trunked or conventional 2-way radio or to a variety of other wireless data devices such as satellite transceivers. The standard head provides up to two serial data ports for connection of a GPS receiver, printer, barcode reader etc. however an I/O expander is also available which provides a number of additional input and output capabilities. Options are also available for internal GPS and cellular transceivers.

The WDT3200 Mobile Data Terminal is provided with a highly configurable job management interface which supports job dispatch, job return data, free form text messaging, GPS location acquisition and status reporting. Configuration is done 'over-the-air'.

Eight soft menu keys are provided and the menus change with each screen. Special interfaces can be provided on request such as large text, different language sets (including graphical character sets), Taxi meter etc.

The on-board GPS management capability includes the ability to separately set location acquisition and data transmission criteria by time or distance or stopped and moving events and also by external trigger such as ignition on/off, emergency button etc. It is also has an internal geo-fencing capability for auto-statussing.

The unit sits in a cradle with an extendable curly cord that allows the MDT to be lifted out and operated on the lap.

Applications

Emergency Services Dispatch	Courier Dispatch	Transport Services
Taxi Dispatch	Field Service Vehicles	Cement Truck Dispatch
Freight Services	Plant Monitoring	Port Services
Local Government Services	Utility Job management	Snow Plow Management

Features

Easy to use intuitive user interface	Multiple mounting options
Ruggedised Aluminum/ABS case	Large 240 x 64 graphical sunlight readable display
Structured Job Management interface	Text Messaging & Statussing
Over-The-Air configurability	On-site auto Job Location reporting
GPS & Geofencing Enabled	Automatic event triggering
Automatic status updating	Cellular/Satellite Interfaces

Specifications

Display Size	130 x 40mm (Approx 5 x 1.5in)	Physical (Excl bracket)	8" x 5.75" x 1.35" (Without cradle)
Display Type	Transflective (sunlight readable)	Operating Voltage	12 – 24V DC
Comms Interface Port	TTL or RS232 level	Nominal Voltage	12V
Peripheral Serial Port	RS232 level input or output	Power Usage (Average)	1.75W (ie, 150mA @ 12V)
Audio Interface	Modem rx and tx audio, output PTT	Internal Modem	1200/2400 baud MSK modem
Interface Connectors	14 Pin Plug/Socket with curly cable		

Options & Accessories

Breakout Box and Cable	Cradle (option)	IO Expander (Option)	10" Gooseneck Mount (option)