

## A Mobile Payment Solution for the Digital LMR Community



### DATACONX™ IDT-3200 Mobile Data Terminal

This ruggedized, general purpose Mobile Data Terminal (MDT) is styled for ease of use by a vehicle-based or field operator. The IDAS plug-and-play Mobile Data Terminal includes a full qwerty keypad for easy and rapid message input at the mobile terminal.

With powerful on board processing capabilities the IDT-3200 Mobile Data Terminal 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 and it may be customized for individual applications providing fast to market solutions for wireless data solutions providers and mobile communications suppliers.

The IDT-3200 Mobile Data Terminal is capable of being connected to a trunked or conventional IDAS 2-way radio transceivers model F5061D and F6061D. 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 include the IDASPAL mobile merchant payment terminal with credit card acceptance via the IDASPAY gateway.

The DATACONX 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. Job formats, status stacks and return data fields may be configured 'over-the-air'.

Multiple screen layouts, job formats, status stacks and return data formats may be programmed into each unit which are triggered by the type of data dispatched from the base by the IDASXPAND Digital Dispatch system.

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 optional IO Expander provides for connection of multiple peripheral devices including GPS receiver, printer, barcode reader. The I/O Expander provides a total of up to 5 serial ports, 1 parallel port and 2 grounded outputs.

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

#### Specifications

##### General

Physical (Excl bracket)	8" x 5.75" x 1.35" (Without cradle)
Operating Voltage	12 – 24V DC
Nominal Voltage	12V
Power Usage (Average)	1.75W (ie, 150mA @ 12V)

Real Time Clock	Battery backed Y2K compliant real time clock
GPS Ready	

Plug in IDASTRAX active antenna for instant plug-and-play

##### Processor

Processor	Mitsubishi M16 (16MHz)
Non Volatile RAM	256Kb (Expandable to 512Kb)
Volatile RAM	20Kb
Flash memory	256Kb (64Kb set aside for static config. data)

##### Display

Type	Transflective (sunlight readable) Graphical LCD
Resolution	240 x 64 pixels
Backlight	LED

Viewing Area 5.25" x 1.5"

Configurability Variable contrast and backlight brightness

Input and Output

Comms Interface Port TTL or RS232 level (invertible) rx & tx serial data

Peripheral Serial Port RS232 level input or output (Conditional)

Audio Interface Modem rx and tx audio, output PTT

Interface Connectors 14 Pin Plug/Socket with curly cable

##### Options & Accessories

MDTBOB Breakout box (up to 2 x serial ports, power, wireless

device I/F, regulated 5V for GPS or other)

MDTEXP I/O Expander (5 serial, 1 parallel, Digital I/O)

MDTCR Cradle with various mounting options

SEE MORE AT:

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