



PT500 Portable Terminal

& Data Master Software

The ergonomically designed PT500 is the state-of-the-art, easy to use portable data collection terminal for the rest of us.



Versatile

Thanks to its compact design, 36 alphanumeric keys, and CCD scan engine, the PT500 can satisfy your need for both efficiency and flexibility in a comfortable and durable package.

Robust

The PT500 is manufactured at our ISO 9001 certified factory and comes with a 1-year warranty.

Communicative

The PT500 also offers a choice of RS232, RS485, or modem for your different data transmission requirements.

Too Easy!

Data Master software includes 11 pre-configured popular applications that can easily be modified for your specific situation by simply clicking on function boxes and pull-down menus.

PT Comm Manager software makes flawless data transfer a total no-brainer.

Try them both for yourself, for free, by downloading the full versions from the www.unitech-adc.com

Download section.

Features:

- Ergonomic design
- 36 alphanumeric keys
- CCD scan engine
- Auto power-off mode
- 20 hours of operation per charge (NiMH battery pack)
- Can use AA alkaline batteries in a pinch
- Powerful and simple Data Master application software
- PT Comm Manager software

PT500 Specifications

Performance

CPU:	80C32
RAM:	256KB / 512KB / 1MB
ROM:	64KB
Keyboard:	36 alphanumeric rubber keys with one trigger switch
Display:	122 x 32 graphic LCD or supports 20 x 4 text mode
Buzzer:	Volume adjustable by software
Real Time Clock:	System date and time

Physical and Environmental

Dimensions:	7.48" (L) x 1.18" (W) x 1.57" (H) 190mm (L) x 30mm (W) x 40mm (H)
Weight:	350 grams
Temperature:	Operation - 32 F to 122 F 0 C to 50 C Storage - -4 F to 158 F -20 C to 70 C
Humidity:	5 to 95% RH non-condensing



Power Management

Operating:	Rechargeable 3.6V 1450 mAH Ni-MH battery pack or 3 AA disposable alkaline batteries
Backup:	Rechargeable Lithium battery
Power Manager:	Flashing warning message when main battery is low
Power Input:	9VDC / 1A via power cable

Scanner and Barcode

Barcode Reading:	UPC/EAN, Code 39 (includes Full Code 39), 1 2 of 5, CODABAR, MSI, Code 128, Code 93, Code 32, China Postal Code
Scanner:	CCD scan engine

Communication

Interface:	One DB9 port - Supports RXD, RTS, TXD, CTS, GND 300 ~ 38,400 bps
	One IR port - 300 ~ 38,400 bps
Handshaking:	CTS / RTS
Protocol:	Multi-point for multi-drop installation
Data Transfer:	By RS232 or modem through PT Comm Manager software to PC

Docking Station

Interface:	One serial infra-red interface for data communication with PT500 One RS232 port for point-to-point communication One RS485 port for multi-protocol communication Optional modem interface to telephone line
Battery Charging:	Soft-contact pads to main unit Quick charging (typically 3 hours) First main pack (front slot), then spare pack (rear slot)

Software Programming Tools

EasyJob:	Built-in data collection application
Data Master:	Includes 11 easily modifiable pre-configured popular applications
C Language:	Application development tools kit for C programming



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