PT630 Portable Data Terminal

The PT630 is an ergonomic, rugged, and lightweight hand held terminal. It weighs less than 245 grams and withstands 4-feet drops to concrete floor. 4.5 MB of memory makes it suitable for demanding applications which require large programs and data files, meeting requirements for couriers, retail, asset tracking, warehouse management, and many more.

Laser scanning options include standard, high density (HD) for reading ultra fine bar code labels, and high visibility (HV) for reading bar code under direct sun light. There is also an optional configuration with a built-in wand. Ideal for low volume or budget-sensitive applications.

User friendly design

The high resolution, backlit LCD display offers a choice of 8x16 or 4x12 text mode, wich supports international character sets. A 128 x64 pixels graphic mode is also supported. The 26-key rubber keypad and a conveniently placed scanner trigger allow one-handed operation.

Sophisticated power management automatically activates standby and shut-off modes to conserve the battery power. A 30-minute low battery warning provides users ample time to recharge the battery.

A DOS compatible operating system enables system integrators to develop programs using industry standard C compilers. Unitech offers, free of charge, a Windows library for C, C++, Visual Basic, Visual FoxPro, and Delphi. This powerful library enables system integrators to easily modify existing host applications to interface with the PT630.

Communications

An RS232 port allows data transfer to and from the terminal. It can also be used to send information to a portable printer. Several optional communications cradle configurations includes such features as quick charging, spare battery charger, additional RS422 port, or an RS232 port.



Features

- DOS Compatible
- 16 Bit CPU
- 4.5 MB RAM
- 256 KB Flash ROM
- Alphanumeric Keypad
- Ergonomic Design



Unitech

PT630 Specifications

System		Electrical		
CPU: RAM: FlashROM: Buzzer: LED:	16-bit NEC V25 microprocessor 4.5 MB SRAM 256 KB for OS and applications Piezoelectric buzzer, software controlled Dual color LED for good/bad read	Batteries: Battery life:	1) 3.6V / 9000mAH rechargeable Li-Ion battery 2) One rechargeable CR2032 3V / 190mAH Lithium battery for backing up SRAM and RTC 10 hours at 1 scan every 3 seconds	
		Mechanical		
Display		Shock:	Withstands multiple 5 ft. (1.5 m) drops to concrete	
128 x 64 pixel; 8 x 16 or 4 x 12 characters Electroluminiscent backlight		Length: Width: Depth: Weight:	floor 6.5" (165 mm) 2.4375" (62 mm) 1.375" (35 mm) < 245 grams with battery pack	
Keypad		_		
26 alphanumeri	ic keys and one scan trigger			
		Environmental		
		IP Rating: Operating Temperature:		IP54 32° to 122° (0° to 50° C)
Bar code Scanner The integrated laser bar code scanner is available in standard and long-range versions and supports all the common bar code symbologies.		Storage Temper Humidity:	ature:	-4° to 158° F (-20° to 70° C) 5 to 95% RH non-condensing
		Docking Station (PT063)		
Communication EIA RS232: Full duplex asynchronous communication.		PT063-1:	Quick charging capability One RS232 port - communication only Spare battery slot	

PT063-2:

PT063-3

EIA RS232:

Full duplex asynchronous communication. Up to 115,200 baud rate.

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Quick charging capability

Quick charging capability

Spare battery slot

Built-in modem

Two RS422 communication ports

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