



PT630 Portable Data Terminal

The PT630 is an ergonomic, rugged, and lightweight hand held terminal. It weighs less than 245 grams and withstands 4-foot 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, which 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

PT630 Specifications

System

CPU: 16-bit NEC V25 microprocessor
RAM: 4.5 MB SRAM
FlashROM: 256 KB for OS and applications
Buzzer: Piezoelectric buzzer, software controlled
LED: Dual color LED for good/bad read

Electrical

Batteries: 1) 3.6V / 9000mAH rechargeable Li-Ion battery
2) One rechargeable CR2032 3V / 190mAH Lithium battery for backing up SRAM and RTC
Battery life: 10 hours at 1 scan every 3 seconds

Display

128 x 64 pixel; 8 x 16 or 4 x 12 characters
Electroluminescent backlight

Mechanical

Shock: Withstands multiple 5 ft. (1.5 m) drops to concrete floor
Length: 6.5" (165 mm)
Width: 2.4375" (62 mm)
Depth: 1.375" (35 mm)
Weight: < 245 grams with battery pack

Keypad

26 alphanumeric keys and one scan trigger

Environmental

IP Rating: IP54
Operating Temperature: 32° to 122° (0° to 50° C)
Storage Temperature: -4° to 158° F (-20° to 70° C)
Humidity: 5 to 95% RH non-condensing

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.

Docking Station (PT063)

PT063-1: Quick charging capability
One RS232 port - communication only
Spare battery slot
PT063-2: Quick charging capability
Two RS422 communication ports
Spare battery slot
PT063-3: Quick charging capability
Built-in modem

Communication

EIA RS232: Full duplex asynchronous communication.
Up to 115,200 baud rate.



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