PT630

unitech
EMPOWERING SOLUTIONS

Rugged
Compact

A robust, compact portable data collection terminal to meet your demands in today's supply chain- and service management applications. The PT630 is designed for intensive usage and to survive in harsh environments. Its program generator JobGen Plus is a powerful, but easy to use programming tool to have your PT630's up and running in no-time.

Its versatile design with built-in functionalities such as a long range CCD- or laser scanner, up to 4,5 MB RAM memory, 8x20 character graphic backlit LCD and 27-key phosphorescent keypad, will satisfy your demands in applications such as inventory control, pick-up and delivery, meter reading, warehouse-/ production management and many others.

The PT630 is a rugged mobile computer, but is nevertheless light-weighted (only approx. 230g) and easy to handle. Its ergonomic design is water resistant (IEC 60529 compliant to IP54) and built to withstand multiple drops from 1.5 meter to a concrete floor.

Unitech offers the PT630 in a complete set including terminal (different configurations), charging- and communication cradle, power supply unit, cable and the renowned JobGen Plus program generator. This Windows-based programming tool offers a "drag and drop" and "point and click" style of programming, requiring little or no programming experience. JobGen Plus comes with 11 ready-to-use sample applications and ensures any system integrates with the PT630 fast and easy!

Main Features

Fully Rugged	IP54 rated with 1,5M free-drop and -5°C to 50°C operating temperature. Dust- & splash-water resistant, withstanding multiple drops from 1,5 meter to a concrete floor.
Design	Ergonomic & compact design with a weight of approx. 230g.
Flexible	Long-range CCD- or laser scanner supporting most common barcode symbologies. Available with 2,5- and 4,5 B RAM.
Back-lit LCD display	128x64 pixel, display up to 20x8 or 16x4 characters.
Keypad	Built-in 27-key phosphorescent keyboard, offering true single-hand operation.
Power	Li-ion battery for over 10 hours of operation.

PT630
Specifications

► Memory / Operating System

CPU 1	16-bit 80188 compatible microprocessor
RAM	2,5 & 4.5MB SRAM
FlashROM	256K with DOS-based system
Keyboard	27-key, alphanumeric rubber keypad (phosphorescent) one laser trigger switch
Display	128 x 64 graphic LED backlit LCD supports 20 x 8 or 16 x 4 text mode
Buzzer	Volume adjustable by software
Real Time Clock	System date and time

► Power Management

Main battery	One rechargeable Lithium-ion battery pack @3.6V, 880 mAH
Backup battery	One rechargeable lithium battery for SRAM memory backup without main power source
Li-ion recharging	2.5 hours in Docking Station or through charging Cable.
Operating time	Over 10 hours
Power Input 1	9VDC/2A via cable

► Scanner and Barcode

Scanner	Supports laser- & long-range CCD scanner
Barcode Reading	UPC-A/E , EAN-8/13, Codabar, Code 39, Code 39 full ASCII, Code 128, ITF, China Postal Code, Interleave 2 of 5, EAN 128

► Packaging

The PT630 is standard delivered in a complete set containing the following:
- Terminal with laser- or long range CCD scanner and 2,5 or 4,5 MB RAM memory
- RS232 cradle for charging and communication
- Li-ION battery pack
- Power supply
- Charging- & communication cable
- JobGen PLUS software
- Manual

► Communication

Interface	One EIA RS232C with RJ45 phone jack connector. Supports TX/RX, CTS /RTS , GND, 9.6K - 57.6K bps
Handshaking	Xon/ Xoff or CTS/RTS
Protocol	None, or Multi-point for multi-drop installation
File Transfer	Built-in Kermit server

► Software Programming Tools

Programm. Language	C++, Quick BASIC
JobGen Plus	A Windows-based program generator
FormCaching	A built-in program generator
DLL	Available for 16/32-bit C++,VB,VFP and Delphi

► Docking Station

Interface	• PT063: one RS232 port for point-to-point communication • PT063-2: one RS485 port for network communication
Battery Charging	Quick charging for typical 2.5 hours
Power Input	AC/DC adapter @ 9VDC/2A

► Physical and Environmental

IP Rating	54
DROP TEST	1.5 meters to concrete floor
Dimensions	165 mm (L) x 60 mm (W) x 35mm (H)
Weight approx.	230g with battery pack
Temperature	Operation: -5˚C to 50˚C Storage: -20˚C to 70˚C
Humidity	5% to 95% RH non-condensing
Regulatory	CE, FCC

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