unitech

PT630

Rugged
Superior
Affordable

A Rugged Mobile Data Collection for Mobile Users

The PT630 is designed to meet your demands in various applications, raging from Transportation and Warehousing to Mobile Sales, Field Service, Retail, Meter Reading.

The rugged, durable yet weight of less than 250 gram, the PT630 is easy to handle.
The PT630 is well protected by a robust housing allowing multiple free-drops up to 1.5 meter to a concrete floor. The ruggedness boosts high productivity and guarantees investment of Enterprise Users.

The flexible module design of Bar Code Reading, RFID, and keypad gives PT630 as a multi-functional terminal to meet different applications of data collection.

Thanks to the build in Bluetooth module, PT630 easily to meet the mobility request for real time data transaction.

Main features

- IP54: Rugged & Durable
- Rugged design withstands 1,5m free drop
- 245g & Ergonomic housing: Easy to carry
- Built-in high-speed laser scanner or CCD scanner for Bar Code Reading
- Built-in high- performance RFID module for data collection.
- Supports Bluetooth for mobile data transaction
- Supports 27-hard key for on-the-fly & accurate data entry
- Supports Lithium-Ion rechargeable battery pack to support long time operation

Memory / Operating System

CPU	16-bit 80188 compatible microprocessor
RAM	512K up to 4.5MB SRAM
FlashROM	256K with DOS-based system
Keyboard	26 alphanumeric rubber keys one laser trigger switch
Display	100 x 65 graphic LED backlit LCD supports 8 x 16 or 4 x 12 text mode
Buzzer	Volume adjustable by software
Real Time Clock	System date and time

Power Management

Main battery	One rechargeable Lithium-ion battery pack @3.7V, 900 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	12VDC/2A via cable

Scanner And Barcode

Scanner	Supports Laser scanner, CCD Scan Engine
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
RFID	Available

Expansion

Bluetooth Module as optional, support up to 100M

Communication

Interface	One EIA RS232C with RJ45 phone jack connector. Supports TX/RX, CTS /RTS , GND, 9.6K - 57.6K bps One IR port. Supports TX/RX , 19.2K - 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

C Language	MSC, Borland C, Turbo C
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	• One serial infrared interface for data communication via PT630 • One RS232 port for point-to-point communication • One RS485 port for network communication • Optional modem interface to telephone line
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 floor
Dimensions	168 mm (L) x67 mm (W) x 35mm (H)
Weight approx.	245g with battery pack
Temperature	Operation: 0°C to 50°C Storage: -20°C to 70°C
Humidity	5% to 95% RH non-condensing
Regulatory	CE, FCC

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