

unitech

PT630D

Rugged Compact



The Unitech PT630D is a rugged and compact Portable Data Terminal that is easily configured with powerful built-in or off-the-shelf programming tools. The PT630D is designed to meet and surpass business data collection requirements in Supply Chain Management, Field service, and many other applications.

Its versatile design satisfies the most crucial business demands for pick up and delivery, meter reading, retail inventory control, and warehouse management, to name just a few.

The featherweight PT630D (only 230g/8.1oz) is both rugged and exceptionally user-friendly.

Capable of withstanding 1.2 meter multiple bounces off concrete, the PT630D also shrugs off water splashes and is IEC 60529 compliant to IP54.

Programmable with built-in or readily available programming tools, the PT630D can also utilize JobGen Plus—a powerful Windows-based application generator available from Unitech. Its intuitive drag-and-drop, point-and-click style of programming requires little or no programming experience. JobGen Plus ensures that any system can integrate quickly and easily with the PT630D.

From the beginning the PT630D was designed to utilize a wide variety of barcode scan engines. The PT630D works with many types of Barcode readers currently available from the entire AIDC industry. For more information, please address your enquiries to the appropriate contact listed on the back of this brochure.

Main Features

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| Brutally Rugged | Water splash resistant (IP54 rated)
Survives multiple 1.2M bounces off concrete
Operates from -5iC to 50iC (23iF to 122iF) |
| Ergonomic and Compact | Weights only 230g (8.1oz)
User-friendly design |
| Flexible | Supports a wide variety of barcode reader |
| LCD display | Capable of multiple memory configurations
128x64 pixel display supports up to 20x8 (small font) or 16x4 (large font) characters |
| True one-hand operation | Alphanumeric characters Built-in 27 key luminescent Keypad |
| Powerful Li-ion battery capable of 12 hours of continuous operation. | |

Memory / Operating System

CPU	16-bit 80188 compatible microprocessor
RAM	512K / 2.5MB / 4.5MB
FlashROM	256K with DOS-based system
Keyboard	26 alphanumeric keys + one scan trigger with phosphorescent material
Display	128 x 64 pixel; 20 x 8 small font or 16 x 4 large font (characters)
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 lithium battery CR2032 for SRAM memory backup
Li-ion recharging	2.5 hours in Docking Station or through charging Cable.
Operating time	Over 12 hours

Scanner And Barcode

Scanner	Supports Laser scanner, CCD Scan Engine
Symbology	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

Communication

Interface	One RS232 communication port Supports TX/RX, CTS /RTS , GND, 150K - 57.6K bps
Handshaking Protocol	Xon/Xoff or CTS/RTS
File Transfer	None, or Multi-point for multi-drop installation 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 Library	Available for 16/32-bit C++, VB, VFP and Delphi

Docking Station Optional

Models	¥ PT063D-1 One RS232 port for point-to-point communication ¥ PT063D-3 Optional modem interface to telephone line ¥ PT063D-4 Ethernet Connectivity (TCP Client)
Battery Charging Power Input	Quick charging typical 2~3 hours AC/DC adapter @ 9VDC/2A

Physical And Environmental

IP Rating	54
DROP TEST	1.2 meters to floor
Dimensions	165 mm (L) x60 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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