

# unitech

# HT630

## Rugged Compact



The HT630 rugged and compact portable data terminal is a newcomer with an impressive pedigree. It is the latest in Unitech's family of successful entry to mid-level portable data terminals.

The HT630 replaces the highly successful PT630 which currently has over 100,000 users across the supply chain, retail and field service markets.

#### Perfect for multi-tasking

The HT630 offers high performance and flexible functionality at an affordable price. It has an integrated laser or CCD barcode scanner supports all common 1D barcode symbologies. Its multiple memory configurations ensure support for the most resource intensive data capture applications.

#### 100,000 users can't be wrong!

While the HT630 offers many enhancements over its predecessor, it is fully backwards compatible and shares all the same accessories. Users can implement the latest technology to work in parallel with their existing devices without the need for an expensive swap out of legacy equipment. The form factor and layout are designed to offer maximum comfort with single-handed operation, and the 27-character alphanumeric phosphorescent keypad aids use in poorly lit conditions.

#### Small size, big punch

Weighing in at only 230g, the featherweight HT630's compact and ergonomic design could fool you into thinking it's a lightweight. But with an IP54 rating, full RoHS compliance and the ability to bounce-back from multiple drops on to concrete, the HT630 can take a lot of punishment and is designed to go the distance with every user.

With the JobGen Plus programming tool, 8.5MB of RAM, and a fast 80MHz processor, the HT630 can deliver powerful applications with minimal training or IT knowledge. Its optional docking station offers Ethernet, modem and RS232 connectivity.

The HT630 offers everything you need to start automating data capture within your business - fast.

#### Main Features

- IP54 rated against dust and moisture ingress
- Survives multiple 1.2M drops to concrete
- Weighs only 230g for comfortable use
- Integrated laser or CCD scanner for 1D barcode reading
- Ergonomically designed for single-handed operation
- Capable of multiple memory configurations
- 128 x 64 pixel display
- 27-key alphanumeric phosphorescent keypad
- JobGen Plus programming tool

### Memory / Operating System

CPU	80MHz RISC
RAM	512K/2.5MB/4.5MB/8.5MB
FlashROM	256K with DOS-based system
Keypad	26 alphanumeric keys + one scan trigger
Display	128x64 pixel
Buzzer	Volume adjustable by software
Real Time Clock	System date and time

### Power Management

Main Battery	One rechargeable Lithium-ion battery pack @ 3.7V, 900mAh
Backup Battery	120mAh/3.6V for SRAM memory backup
Li-ion recharging	2.5 hours in Docking Station or through Charging Cable
Operating time	Over 12 hours

### Laser Scanner (CCD Optional)

Light Source	Visible Laser Diode 650nm
Scan rate	104 (±12) scans / sec (bi-directional)
Scan angle	47°±3° (typical) / 35°±3° (narrow)
Minimum Print Contrast	Minimum 20% absolute dark/light Reflectance measured at 650 nm

### Symbologies

UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCII, Code 93, Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba, EAN 128

### Communication

Interface	RS232 communication port Support 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
Bluetooth	Built-in Kermit server
WiFi	BT V2.0+ EDR( Enhanced Data Rate Compliant) 802.11 b/g (WEP & WPA-PSK & WPA2-PSK Security)

### Software Programming Tools

C Language	MSC, Borland C, Turbo C
JobGen Plus	A Windows-based program generator
Form Caching	A built-in program generator
DLL Library	Available for 16/32-bit C++, VB, VFP and Delphi

### Docking Station Optional

- RS232 port for point-to-point communication
  - Modem interface to telephone line
  - Ethernet Connectivity (TCP Client)
- Battery Charging Quick Charging typical 2~3 hours  
Power Input AC/DC adapter @ 9VDC/2A

### Physical And Environmental

IP Rating	IP54
Drop Test	1.2 meters to floor
Dimension	165(L)mm*60(W)mm*35(H)mm
Weight approx.	230g with battery pack
Temperature	Operation: -5°C to 50°C Storage: -20°C to 70°C
Humidity	5% ~ 95% RH non-condensing
Regulatory	BSMI, CCC, CE, FCC, VCCI
RoHS	Compliant

### Accessory

RS232 Communication Cable  
USB Communication Cable



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