PD-500 series

Mobile terminals

PD-500 series are Industrial and rugged PDAs integrating 1D scan engine and a full color 3.5" TFT display, with a numeric (dial) or alphanumeric (full) keypad.

Data/Voice communication interfaces are W-LAN and Bluetooth, IRDA and GSM/GPRS/EDGE.

The on board Windows CE 5.0 operating systrem is the brain of this mobile device, for easy to use and on-demand access to well known existing applications for logistic, workforce, warehouse and several more…

PD500 is compact and powerful, while meeting an high grade IP64 protection standard allow the user to work in the worst conditions.

SPECIFICATIONS

Electrical specifications
Main battery pack: Standard Li-Ion battery pack, 3.7 V, 2000 mAh, Optional
Backup battery: 1 rechargeable backup Lithium Ion Polymer battery
Charging method: Built-in battery charger by power adapter

Communication specifications
Interface IrDA: Ver. 1.2
Interface W-LAN: 802.11b/g,
Interface Bluetooth: class II compliant
Interface GSM/GPRS: optionally built-in GSM/GPRS/EDGE module, quad band 850/900/1800/1900

Identification
Supported barcode symbologies (1D): JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Korean Postal Authority code, Matrix 2of5, MSI/Plessey-UK/ Plessey, RSS, S-Code, Telepen, Tri-Optic

Hardware
Memory FlashROM: 128 MB
Memory RAM: 128 MB SDRAM and optional SD-card memory
Microprocessor: 520Mhz, Intel® PXA270 32-bits RISC CPU
Display: 3.5" 240 X 320 QVGA Graphic Transflec. TFT, 256K Color LCD with LED Backlight, 4-Wire Resistance Type Touch Panel
Indicators: Dual-color (red/green)
Keyboard: Numeric (25 keys) or Alphanumeric (40 keys) keypad and 3 scan keys
Input devices: Passive Stylus or Finger Operation
Programming: Windows ® CE 5.0 Professional, IE 6.0, Inbox, Active Sync, Dialer application, WLAN utility for Security function

Environmental specifications
Temperature in operation: -10 to 50 °C / 14 to 122 °F
Temperature in storage: -20 to 60 °C / -4 to 140 °F
Humidity in storage: 5 - 95 % (non-condensing)
Shock drop test: 1.5 m / 5 ft drop onto concrete surface
Protection against dust and moisture, according to IEC529: IP 54

Physical specifications
Dimensions: 155 x 82 x 31/33 mm / 6.10 x 3.23 x 1.22/1.30 in
Weight Body: Ca. 400 g / 14.1 oz (incl. standard battery)

Model	PD-500	PD-550
W-LAN	X	X
Bluetooth	X	X
GSM/GPRS/EDGE	X	X
1D barcode scanner	X	X
AlphanumericFull keypad		X

Dealer: