M-Tech Printers

Data Capture Series

Argox PT-20 Portable Data Terminal

General Features

- Robust industrial design
- 1D barcode scanner
- 1.2m drop resistance
- IP54 Protection class
- 4MB RAM, 8MB ROM memory
- Bright, colour 2.4 inch display
- RS232, USB or Bluetooth interfaces
- Pistol grip available

The PT-20 Portable Data Terminal (PDT) is a high performance wireless handheld mobile data capture device that scans and stores bar code data for upload to a computer via RS232 or USB serial link or Bluetooth wireless. Ideal for intensive commercial uses, the PT-20 is shockproof, dustproof, and waterproof in compliance with IP54. The ergonomic, professional keypad and pistol grip are made of wear-resistant rubber and are comfortable to operate. For dark environments the keypad uses a white backlight, and the PT-20 also vibrates for scanning confirmation in noisy or noise-sensitive environments. A 2.4-inch color LCD screen supports 12, 16 and 24 dot fonts as well as multiple languages. The PT-20 offers tough connections via Pogo Pin and Cradle and high quality cable connections. Rechargeable standard and pistol grip batteries provide extended battery life for longer scanning operation.

Applications

Data collection, store front or stock room product checking, warehousing, logistics, delivery/collection, industrial process control.

Detailed Specifications

SPECIFICATION	PT-20
CPU / Operating System	ARM9 Core 266MHz / Proprietary OS
Memory	4MB RAM, 8MB ROM
Display	2.4 inch LCD TFT Transmissive, 320 x 240 QVGA 65K colors
Keypad	29 key numeric
Scanner	2048 pixels CCD, 600mm depth of field, 400 scans/second, 0.127mm (5mil) at PCS 90% resolution
Readable barcodes	1D: Code 11, Code 39, Code 93, Code 128, Codabar, EAN 8, EAN 13, Industrial 2/5, Interleaved 2/5, Standard 2/5 MSI/Plessey, UK/Plessey, Telepen test, UPCA, UPCE, Matrix 2/5, China Post, RSS-14, RSS-Limited, RSS-Expanded, Italian Pharmacy test
Interface	Serial; RS232, USB. Wireless; Bluetooth (range 30m)
Housing	Sealed to IP54, drop test (4 drops per 6 sides); 1.2m (terminal), 0.9m (cradle)
Dimensions LxWxH (mm)	169 x 70.1 x 34
Weight	235g
Power Supply	Power supply: DC 5V 3A, AC Power 100-240V 0.5A, 50-60Hz, 33-48VA
Battery	1) Terminal: Rechargeable 3.7V 2000mAh Li-Polymer Battery 2) Optional Pistol Grip: Rechargeable 3.7V 4400mAh Li-ion Battery
Alert	Buzzer, vibration
Environment	-10~60°C, 10~90% RH non-condensing

Accessories...

- Single cradle
- Four slot cradle
- Holster with belt loop
- Charging and Communication cable

For more information contact: M-Tech Printers, Telephone: +44(0)1606 837550, email: sales@mtechprinters.co.uk, web: www.mtechprinters.co.uk