8300 SERIES PORTABLE TERMINAL

Specifications

Power
- Operation battery: Li-ion 800 mA; 3.7V, 700mAh
- Backup battery: 3.0V, 7.0mAh, rechargeable Lithium
- Working hours: Over 100 hours

Dimensions
- Size: 170mm (L) x 77mm (W) x 37mm (H)
- Weight: 250g (including batteries)

General Characteristics
- CPU: 16-bit CMOS, low power consumption
- Program memory: 1MB flash memory
- Data memory: 2MB/4MB SRAM
- Display: 128x64 graphic dots FSTN with LED back-lit
- Keypad: 24 Numeric or 39 Alphanumeric rubber keys
- Scanning angle: 0° to 45° Factory Set

Indicator
- Buzzer: Programmable, 1KHz to 4KHz
- LED: Dual color, green and red

Programming Language
- "C", "BASIC", and a Windows-based Application Generator

Laser Scanner (8300L)
- Light source: Visible Laser diode operating at 670 ± 15nm
- Scan rate: 36 ° ± 3 scans/sec
- Scan angle: 42° ± nominal
- Depth of field: 5cm ~ 95cm, depends on barcode resolution

Long Range CCD (8300C)
- Resolution: Up to 0.125mm (5mil)
- Depth of field: 2cm ~ 28cm
- Scan rate: 100 scans/sec

Environmental
- Operating Temperature: -20°C to 60°C, IP Rating: 65
- Storage Temperature: -30°C to 70°C
- Humidity: Non-condensed 5% to 95%
- Shock resistance: 1.2m drops onto concrete
- EMC regulation: FCC class-A, CE and C-Tick approved

Communication
- RS-232: Transmission speed up to 115.2k bps
- IrDA: Standard 1.0 compatible, up to 115.2k bps
- High Speed IR: Up to 115.2k bps transmission rate

Accessories
- RS-232 cable, Keyboard Wedge Cable, IR Transceiver, Cradle with or without standard modem (56K)

Reading Performance

8300C
Decode Zone in Centimeters
Using linear barcode
(Interleave 2 of 5 PCS 99)

8300L
Decode Zone in Centimeters
Using linear barcode (PCS 99)

Dimensions
8300 Series Portable Terminal

Cradle

Rechargeable Lithium-ion Battery Pack

Battery Charger

- Programmable in: BASIC, C & Application Generator
- 1MB program memory + 2MB / 4MB data memory
- Two keypad layouts, 24 or 39 keys
- Ideal for Industrial, Harsh Environment
- IP 65