8500 SERIES
Logistics Portable Terminal

- Long range imager/Laser/2D and RFID
- Large Touch Screen Display with signature capture and backlight
- Up to 10MB memory
- Long working hours
- Fast 32-bit CPU
- Vibration Feedback
- Ergonomic Design with Pistol grip
- IP64, multiple 1.8m drops onto concrete
- Wireless Networking: Bluetooth, 802.11b and GSM/GPRS
- VT100 & 5250 Emulation
8500 SERIES Logistics Portable Terminal

Specifications

**Power**
- Operation battery: Li-ion 3.7V, 4000mAh rechargeable battery
- Backup battery: 3.0V, 7.0mAh, rechargeable Lithium
- Working hour: TBA

**Dimensions**
- Size: 230mm (L) x 92.5mm (W) x 59.5mm (H)
- Weight: 480g (Approximately)
- Material: Rubber and ABS

**General Characteristics**
- CPU: 32-bit CMOS
- Program memory: 2MB flash memory
- Data memory: all with backup battery
  - Standard: 2MB SRAM
  - Optional memory card, 4/8 Mbytes SRAM
- Display: 3" 160x160 pixels FSTN LCD
  - 26 chars x 19 lines (small font) or
  - 20 chars x 9 lines (large font)
- LED backlight
- Touch screen
- Signature capture
- Keypad: 24/44 Alphanumeric keys with LED Backlit

**Programming**
- "C", "BASIC", and a Windows-based Application Generator
- VT100/200 and IBM 5250 terminal emulation

**Reader**
- 1D Long Range Imager
- 1D Laser Scanner
- 2D Scanner
- 13.56 MHz RF/ID Reader (MIFARE, I-CODE, Tagit, My-d)

**Environmental**
- Operating Temperature: -20°C to 60°C (0°C to 50°C for RF models)
- Storage Temperature: -30°C to 70°C
- Humidity: Non-condensed 5% to 95%
- Shock resistance: 1.8m multiple drops onto concrete surface
- Dust and water proof: IP64
- EMC regulation: CE, FCC and C-Tick approved

**Communication**
- Built-in Bluetooth Class 2 (coverage up to 100M line-of-sight)
- Optional 802.11b (coverage up to 400M line-of-sight)
- Optional 802.11b + GSM/GPRS
- Serial IR/InDA up to 115.2k bps

**Accessories**
- Cradle: Charging of both terminal and spare battery pack
- Interface to host: RS232 or USB
- Optional 56Kbps MODEM
- Pistol grip
- Gang charger: charges up to 4 battery packs

*Preliminary Specifications Only*