PTR89
Portable Thermal Printer

Technical Specifications V1.00
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1.0. Introduction

PTR89 is a portable printer intended for use with the ACR89 handheld PINpad reader. Fast and handy, the PTR89 is appropriate for smart cards transactions which often require receipts for reference. Because it uses thermal print technology, the PTR89 eliminates the need for ink refills and does not add built to the already compact ACR89. Furthermore, PTR89's high speed printing enables quick and convenient transactions.

PTR89 is suitable for receipt printing and ticket printing.
2.0. Technical Specifications

**Printer**
- Type of Printing: Thermal heat
- Number of Dot/Line: 384
- Resolution: 203 DPI
- Print Width: 48 mm
- Max Speed: 50 mm/sec
- Parts Interface: 6-pin serial port
- Communication Interface: UART
- Input Buffer Size: 512 bytes

**Paper Roll**
- Type of Paper: Thermal roll paper
- Paper Width: 58 mm
- Max. Outside Diameter: 38 mm

**Power**
- Operating Voltage: 9 V
- Battery: Rechargeable Li-ion
- Battery Capacity: 1280 mAh

**Physical Specifications**
- Dimensions: 180 mm (L) x 85 mm (W) x 75 mm (H)
- Case Color: Black
- Weight: 250 g (without paper roll)

**Operating Conditions**
- Temperature: 0 °C to 50 °C
- Humidity: 10% to 90%, non-condensing

**Certifications/Compliance**
- CE, FCC, RoHS