



**Advanced Card Systems Ltd.**  
Card & Reader Technologies

# **PTR89**

# **Portable Thermal**

# **Printer**

Technical Specifications V1.00





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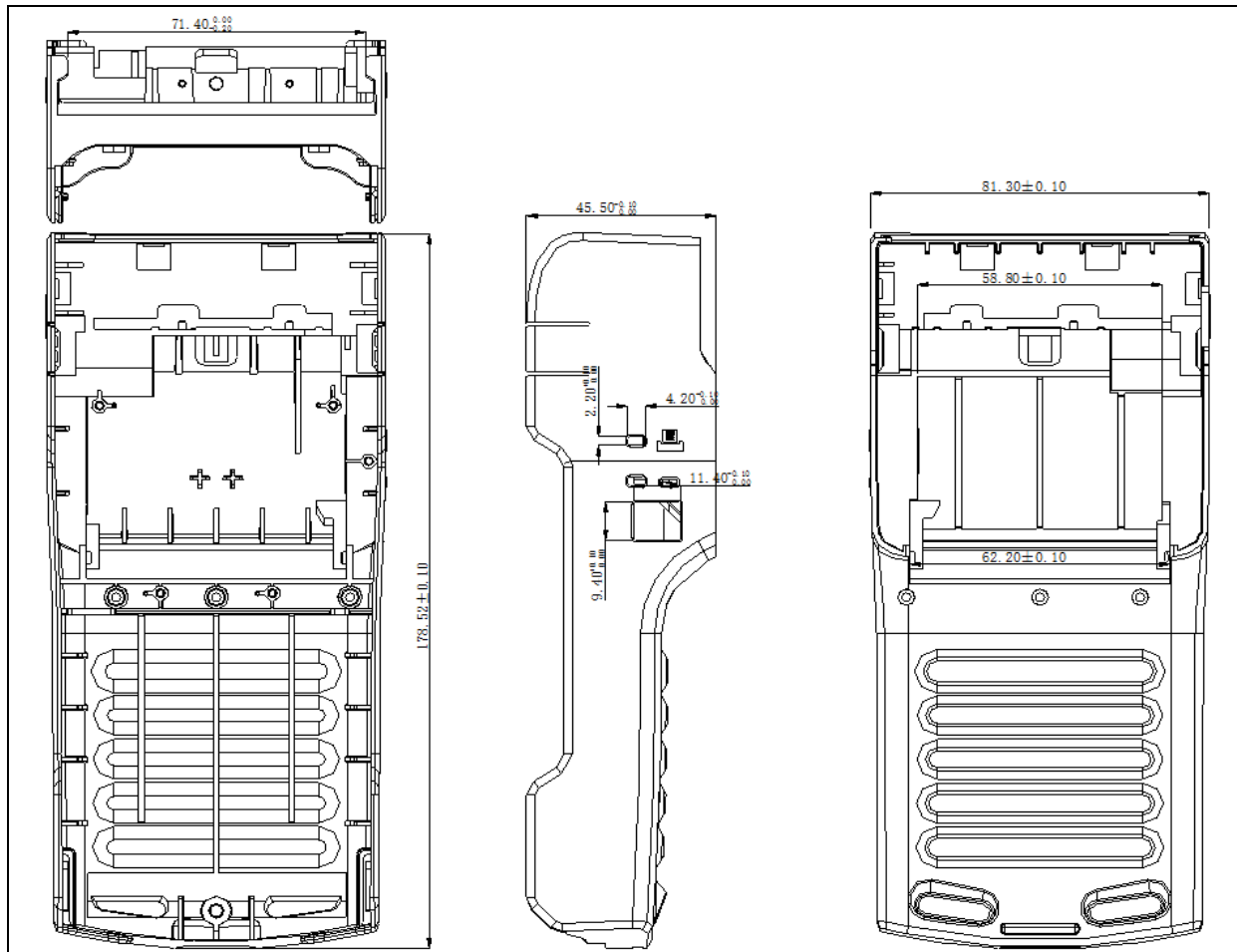
## 1.0. Introduction

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 bulk 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

