

INTRODUCING PERIPHERON'S

# RM2500 PRINTER



**PeriPheron**

**Based on our durable and highly successful RM2000 Receipt Printer, our new RM2500 brings new technology and capabilities to the world of low cost thermal printers.**

Featuring Windows® drivers, RLE graphics and USB or Bluetooth connectivity, the RM2500 is designed to address the emerging PC based internet payment processing market. This versatile flash upgradeable printer enables downloadable custom logos, signature capture and Chinese characters. Proven reliability, blazing speed and a huge paper roll combined with exciting new features makes the RM2500 the most cost effective and flexible receipt printer on the market.



**RELIABLE:**

Based on our high speed (12.5 lps) RM2000 receipt printer

**DRIVERS:**

Windows Drivers (Windows®98 and forward)

**CONNECTIVITY:**

RS232, USB and Bluetooth options

**GRAPHICS:**

RLE graphics for downloadable logos or signature capture

**FLEXIBLE:**

Flash upgradeable EPROM

**COMMUNICATION INTERFACES:**

Cable: RS232  
Wireless RF Options: Bluetooth

**MEMORY:**

RAM: 256K  
Non-Volatile Flash: 128K

**SOFTWARE:**

Windows Drivers (Windows®98 and forward)  
Flash Upgradeable – via serial interface  
Supports Custom Logos

**PeriPheron**

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**GENERAL SPECIFICATIONS:**

Type: Thermal Line Printer  
 Print Method: 448 Dot Direct  
 Print Direction: Vertical  
 Print Width: 65.84 mm, 210 dots 56mm, 42 columns/line at 10-24, 21 columns/line enlarged  
 Footprint: 191 sq. cm (29.6 sq. in)  
 Paper Feed Speed: 12.5 lps  
 Print Speed (CPS): 726 Characters/Second, type 12.5 lps  
 Print Head Resolution: 0.125 mm dot pitch  
 Print Head Life: 425 million characters, 9.6 million lines, 1.1 million inches, print head is replaceable  
 Emulation: VeriFone® Printer 250  
 Configuration Method: Built in setup menu and copy quality are set from front panel, settings stored in EPROM  
 Data Organization: 7 or 8 bits, even, odd, space, or no parity  
 Connector: 8 pin Mini-Din, VeriFone® P-250 compatible pinout

**CASE DIMENSION AND WEIGHT:**

Height: 139 mm (5.51")  
 Width: 101 mm (3.98")  
 Depth: 197 mm (7.76")  
 Weight: 0.83 kg (1 lb 13.4 oz), including full roll of paper; not including power pack

**ENVIRONMENTAL:**

Temperature: 10°C to 40°C  
 Operating: Non-condensing  
 Storage: 10% to 90%, non-condensing

**CONNECTOR PINOUT:** Pin Signal Direction Function

- |                        |                                      |
|------------------------|--------------------------------------|
| 1. +5V limited current | 5. RXD                               |
| 2. +5V limited current | 6. TXD                               |
| 3. RTS                 | 7. GND                               |
| 4. CTS                 | 8. Cash Drawer Kick, +24VDC @ 300 mS |

**CHARACTER SET AND SIZE:**

Character Set: 100% VeriFone® P-250 Compatible. 96 ASCII characters (24 X 7 fonts)  
 32 graphic characters 128 international characters: 96 in high page 32 internal. Supports double wide and double high fonts

**COLUMN AND LINE SPACING:**

Column Spacing: 1.25mm, 2.50mm (enlarged font)  
 Line Spacing: 3.12mm (approx. 8.4 lines per inch) default, programmable in units of 1/60 inch

**PAPER SPECIFICATIONS:**

Type: Direct Thermal, Appleton T1030 Grade, Koehler KT55-F18  
 Thickness: 0.002" to 0.009" max.  
 Activation: 20%  
 Temperature: 60°C  
 Exposure Temperature: 85°C default  
 Copy Capability: A programmable number of copies (2-5) can be automatically printed under software control

**ELECTRICAL SPECIFICATION:**

Power Supply Voltage: 13-34VDC or 22VAC transformer, 1.5A, AC line 70-140VAC 50-60hz  
 Power Consumption: 16.5 watts, receipt printing at 12.5 lps 500mW, non-operating

**SERIAL INTERFACE:**

Signal Levels: RS232-C  
 Data: Format Asynchronous  
 Handshaking: RTS Signal  
 Baud Rate: 2400, 4800, 9600, 19200, 38400, 57,600, 115,200