

Direct Thermal POS Receipt Printer



High-Speed, Durable, Inexpensive, and Easy-Using

The Thermal Receipt Printer---PRP series is the ideal thermal receipt printer for retail environments.

Its superior specification not only impresses customer but makes the PRP series one of the reasonable-price with outstanding performance on the market today.

It features compatibility with ESC/POS commands, availability in common USB, Parallel, Serial, and noticeable Ethernet interface which allowing network printing. More important, its tailor-made driver which delivers greatly interaction with retail and hospitality applications, furnishing you with all you needs.

FEATURES

- Halt-on protect function for over heat
- Optional interface model: Serial, Parallel, USB and Ethernet (PRP-085III only)
- Cash drawer connection port (RJ-11)
- Compatible with ESC/POS print commands set
- Driver available
- User friendly, drop-and-print paper installation, simple paper jam elimination
- Optional audible indicator version good for noisy environment operation
- Plenty of fonts available

SPECIFICATIONS

	<i>PRP-058</i>	<i>PRP-080II</i>	<i>PRP-085III</i>
Print method	Direct thermal	Direct thermal	Direct thermal
Max. label width	57.5mm \pm 0.5mm	79.5mm \pm 0.5mm	79.5mm \pm 0.5mm
Character per line	32 (Font A)	48 (Font A) / 64 (Font B)	48 (Font A) / 64 (Font B)
Effective print width	48mm	72mm	72mm
Print speed (Approx.)	50mm/sec. or 14 lines/sec.	180mm/sec. (Max.) or 48 lines/sec.	220mm/sec. (max.) or 58 lines/sec. (32Bit CPU)
Print head			
Print density	384 dots/line or 8 dots/mm	576 dots/line or 8 dots/mm	576 dots/line or 8 dots/mm
Dot space	0.125mm	0.125mm	0.125mm
Print life	50km	100km	100km
Halt-on protection from over-heat	60°C	80°C	80°C
Interfaces			
Serial port	Dsub 25 pin female connector, 9600 bps baud-rate, none parity, 8 data bits and 1 stop bit, supports RTS/CTS & XON/XOFF protocol	Dsub 25 pin female connector, 19200 or 38400 bps baud-rate, none parity, 8 data bits and 1 stop bit, supports RTS/CTS & XON/XOFF protocol	Dsub 25 pin female connector, 9600 or 38400 bps baud-rate, none parity, 8 data bits and 1 stop bit, supports RTS/CTS & XON/XOFF protocol
Parallel port	Dsub 25 pin male connector, 8 bits parallel, supports BUSY Protocol	36 pin Centronics connector. 8 bits parallel, supports BUSY protocol	36 pin Centronics connector. 8 bits parallel, supports BUSY protocol
USB port	USB 1.1	USB 1.1	USB 1.1
Ethernet port	N / A	N / A	Ethernet (RJ45)
Cash drawer port	DC 12V/1A, 6 wires RJ-11 socket	DC 24V/1A, 6 wires RJ-11 socket	DC 24V/1A, 6 wires RJ-11 socket
Weight	760g (without cable)	1400g (without cable)	1360g (without cable)
Dimensions	185mm (L) x 116mm (W) x 93mm (H)	190mm (L) x 140mm (W) x 147mm (H)	199mm (L) x 145mm (W) x 136mm (H)
Environment			
Operating	0°C ~ +45°C, 10%RH ~ 80%RH	0°C ~ +45°C, 10%RH ~ 80%RH	0°C ~ +45°C, 10%RH ~ 80%RH
Storage	-10°C ~ +50°C, 10%RH ~ 90%RH	-10°C ~ +50°C, 10%RH ~ 90%RH	-10°C ~ +50°C, 10%RH ~ 90%RH
Power supply			
Input	100V AC ~ 240V AC, 50 ~ 60 Hz	100V AC ~ 240V AC, 50 ~ 60 Hz	100V AC ~ 240V AC, 50 ~ 60 Hz
Output	+8.8V DC/3.5A	+24V DC/2.5A	+24V DC/2.5A
Print font			
ASCII code	12 x 24 dots, 1.25mm (W) x 3.00mm (H)	12 x 24 dots, 1.91mm (W) x 2.47mm (H)	12 x 24 dots, 1.25mm (W) x 3.00mm (H)
Graphic font	24 x 24 dots, 3.00mm (W) x 3.00mm (H)	16 x 16 dots, 3.00mm (W) x 3.00mm (H)	24 x 24 dots, 3.00mm (W) x 3.00mm (H)
Print commands	ESC/POS print commands set	ESC/POS print commands set	ESC/POS print commands set
Paper adopted	Direct thermal printing paper	Direct thermal printing paper	Direct thermal printing paper
Paper width	57.5mm \pm 0.5mm	79.5mm \pm 0.5mm	79.5mm \pm 0.5mm
Max. roll diameter	50mm	83mm	83mm
Paper thickness	53 ~ 60 g/m ²	53 ~ 60 g/m ²	53 ~ 60 g/m ²
Auto-Cutter	None	Life span: over 1,000,000 cuts	Life span: over 1,000,000 cuts

PRP-058 □-□

Interface
U= USB
P = Parallel
S = Serial

Font
I = International
B = Big 5 Chinese
G = GB Chinese
K = Korean

PRP-080II-□-□-□

Color
M= beige
B = black

Interface
U= USB
P = Parallel
S = Serial

Font
I = International
B = Big 5 Chinese
G = GB Chinese
K = Korean
J = Japanese

Version

PRP-085III-□-□-□

Color
M= beige
B = black

Interface
U= USB
P = Parallel
S = Serial
L = Ethernet

Font
I = International
B = Big 5 Chinese
G = GB Chinese
K = Korean
J = Japanese

Version

