

## Direct Thermal POS Receipt Printer



# TYSSO®

Insist on the Best



## High Speed, Durable, Low Cost and Easy to Use

Tysson POS thermal receipt printer, PRP series, give percept of well specification and superior performance to its client. Now the PRP series is powered by the newly released 32 bit CPU model. All Tysson's printers are equipped with high quality printing mechanism and enclosed by sturdy, small foot-print casing. This PRP series has provided not only ESC/POS commands but also its driver which help greatly interaction with retail and hospitality applications. The extensive printer range answers the requirements from cost to performance perspectives.

### FEATURES

- Halt-on protect function for over heat
- Optional interface model: Serial, Parallel and USB
- 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>
<b>Print method</b>	Direct thermal	Direct thermal	Direct thermal
<b>Max. label width</b>	57.5mm ±0.5mm	79.5mm ±0.5mm	79.5mm ±0.5mm
<b>Character per line</b>	32 (Font A)	48 (Font A)	48 (Font A) / 64(Font B)
<b>Effective print width</b>	48mm	72mm	72mm
<b>Print speed</b> (Approx.)	50mm/sec. or 14 lines/sec.	180mm/sec.(max.) or 48 lines/sec.	220mm/sec.(max.) 32Bit
<b>Print head</b>			
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
<b>Interfaces</b>			
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
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
<b>Weight</b>	760g ( without cable)	1400g (without cable)	1280g (without cable)
<b>Dimensions</b>	185mm(L) x 116mm(W) x 93mm(H)	190mm(L) x 140mm(W) x 147mm(H)	230mm(L) x 145mm(W) x 135mm(H)
<b>Environment</b>			
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
<b>Power supply</b>			
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
<b>Print font</b>			
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)
<b>Print commands</b>	ESC/POS print commands set	ESC/POS print commands set	ESC/POS print commands set
<b>Paper adopted</b>			
Paper width	57.5mm±0.5mm	79.5mm±0.5mm	79.5mm±0.5mm
Max. roll diameter	50mm	83mm	83mm
Paper thickness	53 ~ 60 g/m <sup>2</sup>	53 ~ 60 g/m <sup>2</sup>	53 ~ 60 g/m <sup>2</sup>
<b>Auto-Cutter</b>	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 font  
B = Big 5 Chinese font  
G = GB Chinese font  
K = Korean font

PRP-080II-□-□-□

**Interface**  
U= USB  
P = Parallel  
S = Serial

**Color**  
M= beige  
B = black

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

**Version**

PRP-085III-□-□-□

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

**Color**  
M= beige  
B = black

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

**Version**



**TYSSO**®

*Insist on the Best*

Manufacturer

**FAMETECH INC.**

2F, No. 165, Sec. 2, Ta-Tung Rd.,  
Hsi-Chih 221, Taipei Hsien, Taiwan

Tel : 886-2-8692-6300

Fax: 886-2-8692-6301

E-Mail: tyssso@ms6.hinet.net

URL: http://www.famotech.com.tw