



PR300- PR300W

Thermal POS Printer

The PR300 Series is a high quality thermal PoS printer designed for general purpose receipt printing, network and kitchen printing. It has a high printing speed of 300 mm/sec. The Housing is waterproof, oil proof & dustproof. Its rich interface selection including Bluetooth, Wi-Fi & GPRS. The Printer has some vital features such as status real-time monitoring with large input buffer which avoids losing any bills while wireless printing. The embedded IE server, allow user to configure printers in a more convenient way, allowing the user to enjoy high-quality printing.

Features:

- Ultra High Printing Speed – 300mm/sec
- Waterproof, anti-oil, anti-dust structure design
- Movable baffle design, support 80MM, 58MM Paper roll
- Support printer monitoring function, to avoid losing bills
- Support LOGO Graphical download and print
- Support 1D, 2D barcode printing
- Support Multi-language printing
- Interface Options:
 - USB+RS232+LAN
 - USD+RS232+Wi-Fi
 - USB+ Bluetooth (IOS & Android Compatible)
 - USB + GPRS (Coming soon)
- Built-in WEB server, configure printer by IE browser
- Support Windows, Linux, Android and IOS system printing

Application:

- Retail
- Hospitality
- Shopping malls
- Warehousing
- Taxation
- Banking
- Medical
- Postal



Specification:

Print parameters	Printing Method	Thermal Line
	Printing width	72mm
	Resolution	576 Dots/Line or 512 Dots/Line(8dots/mm,203dpi)
	Print speed	300mm/Second
	Interface	USB+RS232+LAN, USB+RS232+Wi-Fi, USB+Bluetooth, USB+GPRS(Coming soon)
	Line Spacing	3.75mm(Can adjust line spacing by command)
	Line No.	FontA-48Lines/FontB-64Lines/Simple, traditional Chinese-24 lines
	Character	standard GB18030 simplified/traditional Chinese Fonts
	Character Size	ANK character, Font A:1.5x3.0mm(12x24 dots);Font B: 1.1x2.1mm(9x17 dots);Simplified/Traditional Chinese:3.0x3.0mm(24x24 dots)
Bar code Character	Extended character set	PC437/Katakana/PC850/PC860/PC863/PC865/WestEurope/Greek/Hebrew/EastEurope/Iran/WPC1252/PC866/PC852/PC858/IranII/Latvian/Arabic/PT151,1251/PC737/WPC/1257/Thai/Vietnam/PC864/PC1001/(Latvian)/(PC1001)/(PT151,1251)/(WPC1257)/(PC864)/(Vietnam)/(Thai)
	Barcode Symbologies	1D bar code: UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)CODE39/ITF/CODABAR/CODE93/CODE128 2D barcode: QRCODE
Graphics printing	Graphics printing	Supports bitmap download and print(each bitmap size Max.20K)
Cutter	Cutter Function	Full cut/Half cut
Print commands	Commands	ESC/POS
Paper	Type	Thermal
	Width	79.5±0.5mm
	Diameter	≤80mm
	Feed method	Easy feed(Clamshell feed)
Power	Power Adaptor	Input: AC 110V/220V,50 ~ 60Hz, Output: DC 24V/2.5A
	Cash Drawer output	DC 24V/1A
Buffer	Input Buffer	2048K bytes
	NV Flash	256K bytes
Physical characteristics	Weight	1.3KG
	Dimension	185*145*135(MM)
Environment	Working	Temp:5 ~ 45°C, Humidity: 10 ~ 80%
	Storage	Temp:-10 ~ 50°C,Humidity: 10 ~ 90%(No dew)
Reliability parameter	Print Head Life	150KM(print density≤12.5)
	Cutter Life	1500,000times
Software	Driver	Android,IOS,Linux,Win2000,Win2003,WinXP,Win7,Win8,Win8.1

Working Mode Instructions:

There are two type of working modes: a) Station Mode b) AP Mode

- (1) When the printer in the Station mode users only need to know the IP address of the printer. User can use the PC + wireless router, laptops with Wi-Fi and other terminal to connect directly and print. Install the driver , provided in windows or Linux , choose TCP / IP port, input the IP address and Print.
- (2) When the printer is working in the AP mode, first, can realize all functions (i.e., the Windows or linux) under the Station mode. At the same time, the user can also do under unknown IP address of the printer, using the Android phone or tablet directly connected to the printer (printer automatically assign IP addresses), use the Android APP and SDK provided by us and Print.

Wi-Fi Parameters

- (1) 802.11b/g/n wireless standards
- (2) Frequency range is as follows: 2.412GHz-2.484GHz
- (3) Support multiple (5) Client TCP connections
- (4) Support WEP/WPA-PSK/WPA2-PSK security mechanisms
- (5) Using an external antenna interface (SMA), More Distant transmission can be obtained - 50M (indoor) -100M (open space);
- (6) Support WEP64/WEP128/TKIP/AES encryption type

For More Information:

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