

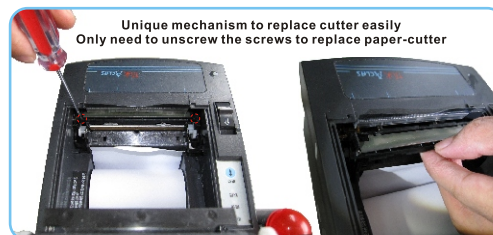
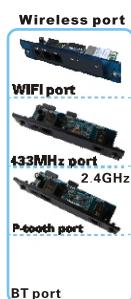
High-speed Multi-function Receipt Printer

MODEL EXPLICATION

PP7XXXxxxxxxxx

- | | |
|---|---|
| -2: 2 inch printer
Null: 3 inch printer | S: Black mark sensor model
F: Fiscal (with operator and customer display)
C: Customer Display
O: Operator Display
E: Ethernet
U: USB
3: RS232
D: D25 parallel port
W2: 2.4G wireless (P-tooth)
W4: 433 wireless
WB: BT
*W: Wifi
G: with GPRS module
2: connect with CDX Independent customer display |
| -1: with auto-cutter
0: without auto-cutter | |
| H: high-speed terminal printer (250mm/s)
M: middle-speed terminal printer (150mm/s)
L: low-speed terminal printer (100mm/s) | |

Notes: The item with mark "*" is still developing.



Application Range

The quality of easy operation, high speed and stable performance has made the printer one of the most economical and practical printing devices. It has been applied in various fields such as supermarkets, department stores, hotels, franchises, finance, telecommunications and ticket business as a receipt printer. And it could be combined with cash registers, touch-pos terminals, computers and other equipments.

Unique Functions

- ※ Oblique paper-sensor (world original patented). Detect paper precisely, even if the paper is stuck to the end of the paper slot or the PP7X is positioned in different places (desktop or hang on the wall).
- ※ Unique mechanism to replace paper-cutter easily without opening the printer cover.
- ※ Special paper cutter design (the movable cutter is on the upper cover). You can easily eliminate paper jam by opening the upper cover; while using traditional printers (brand E,C) in market whose movable cutter is designed in the front seat, you must open the front cover and move the gear to withdraw the cutter manually (you cannot withdraw the cutter without opening the cover).
- ※ With agile black mark detector: locate printing position quickly, support detection in left and right direction. Also could connect with optional operator/customer display and function keyboard to work as a receipt printer and fiscal printer.
- ※ RF2.4G/RF433MHz applies Pinnacle's patented CSMA power-saving protocol (P-tooth) to establish reliable and stable many-to-many wireless communication.
- ※ Firstly introduced POS printer which adopts wireless communications (2.4G P-tooth, BT, and WIFI) in the market, avoiding wire clutter on the desk.
- ※ The most complete options of port modules in the world. 4 types of wireless communication modules: WIFI, BT, P-tooth (2.4G Pinnacle protocol), 433MHz (100m long distance); 4 types of wire communication modules: RS232 port, USB port, parallel port, Ethernet port. Customers could choose the module according to the system that they used. (Refer to picture7)

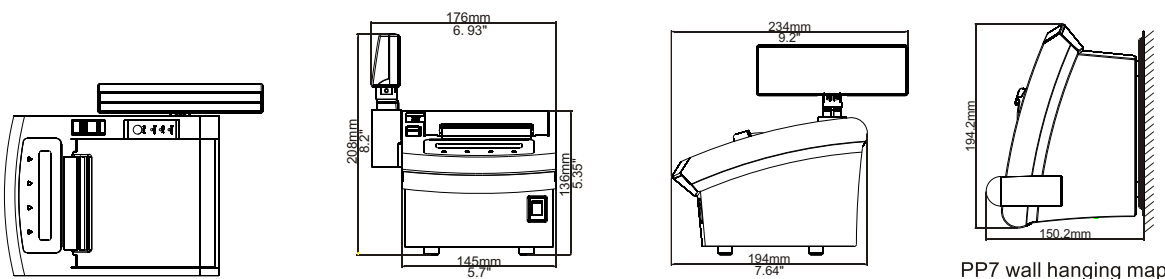
Advanced Functions and Features

- ※ High print speed, max: 250mm/s (PP7XHX).
- ※ Unique easy-loading paper mechanism.
- ※ Two options: with auto-cutter mechanism (PP71X), and without auto-cutter low-price mechanism (PP70X).
- ※ Can be fixed on wall. And can work with big paper roll outside (e.g. P-2) to reduce changing paper frequency.

Specifications

Optional type		PP721MX	PP721HX	PP71MX	PP71HX
Speed		150mm/s	250mm/s	150mm/s	250mm/s
Power supply		DC24V/2A			
Printing method		Thermal print			
Resolution		203dpi			
Paper	Paper type	Thermal paper			
	Paper width	57.5 ± 0.5mm		79.5 ± 0.5mm	
	External diameter	80mm			
Paper installation type		Unique mechanism that make paper installation easily			
Character print	Character set	ANK character set, Chinese GB2312, Traditional Chinese BIG5, 12 × 24 dot, 24 × 24 dot			
	Number of columns	48 columns			
Barcode type		UPC-A, UPC-E, Code128, EAN128.Jan8, Jan13(EAN) Interleaved 2 of 45, Codabar			
Data receiving buffer		4KB			
Flash memory		8Mbit			
Optional function		Fiscal (with operator and customer display), customer display, operator display,black mark detector, GPRS module			
Interface		Ethernet, parallel, RS232, USB, WiFi, BT, P-tooth			
Cash drawer driver		2 ports (compatible with EPSON)			
Printer head life		150km (recommend to use high quality thermal paper, such as OJI, PD-160R or Aclas paper.)			
Paper-cutter life		500,000 times			
Cash drawer impulse		DC 24V/1A			
Work Temperature		0℃ ~ 40℃			
Work Humidity		5%R.H. ~ 90%R.H.			
Driver		Win9X, WinME, Win2000, WinNT, WinXP, compatible with EPSON			
Printing command		Compatible with command ESC/POS			
Size		The printer with customer display: 226.5*176*208mm; The printer without customer display: 196.5*145*135mm			

Dimensions



Note 1: * Under developing function.
 Note 2: Functions and appearance are subject to practicality.
 Note 3: Work method of wireless based on CSMA to avoid disturbing among different devices.

Network diagram of kitchen and restaurant

