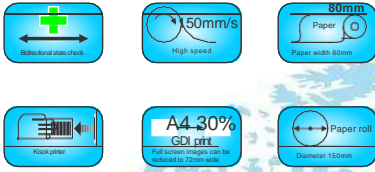


PT80-B02 Thermal printer



PT80-B02 is R&D by Code Soft independently ,it's a low cost and high quality thermal receipt printer with small size ,high printing speed and low noise etc.

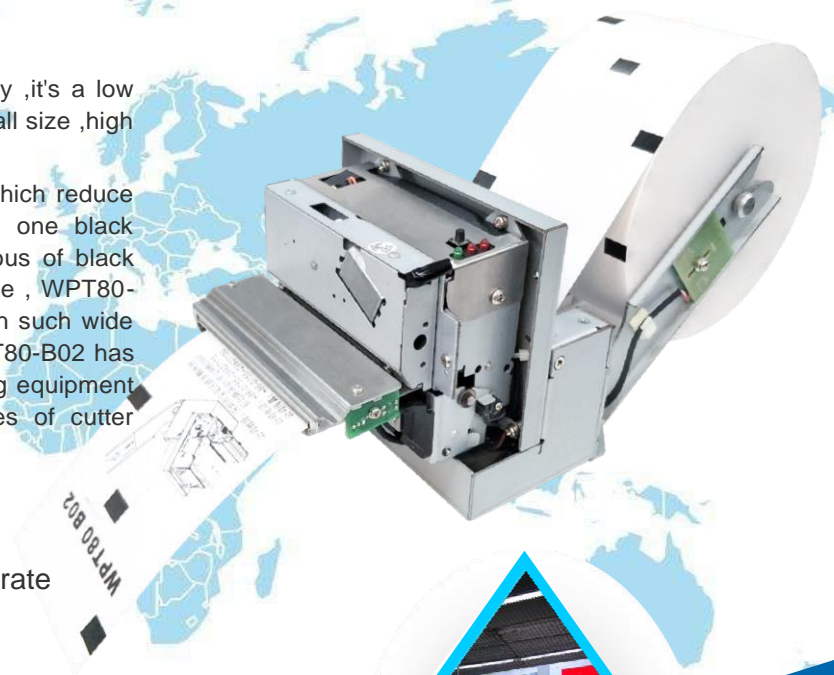
The max diameter of paper roll is 150mm , which reduce effectively replacement frequency for staff . With one black sensors at the printer head , PT80-B02 suits various of black mark printing papers in maximum . At the same time , WPT80-B02 can be used in various of harsh environment in such wide operation temperature and humidity .Nowadays , PT80-B02 has become to preferred product of self –service printing equipment with 100km printing lifetime and one million times of cutter lifetime.

Features

- Compact and rugged design ,easy to integrate
- 80mm paper width
- Full control over printing quality/speed
- Automatic load paper
- 24V Power supply
- 2 Communication ports: RS232 and USB 2.0
- Support GDI print mode
- Mark Detection
- Near end of paper optosensor
- Paper jam detection system as option

Applications

- | | |
|-------------------|-------------------|
| ★ Bank | ★ Social security |
| ★ Communication | ★ Retail |
| ★ Medical | ★ Catering |
| ★ Public Security | ★ Energy |
| ★ Traffic | ★ Electrical |
| ★ Lottery | ★ Film |
| ★ Game | |

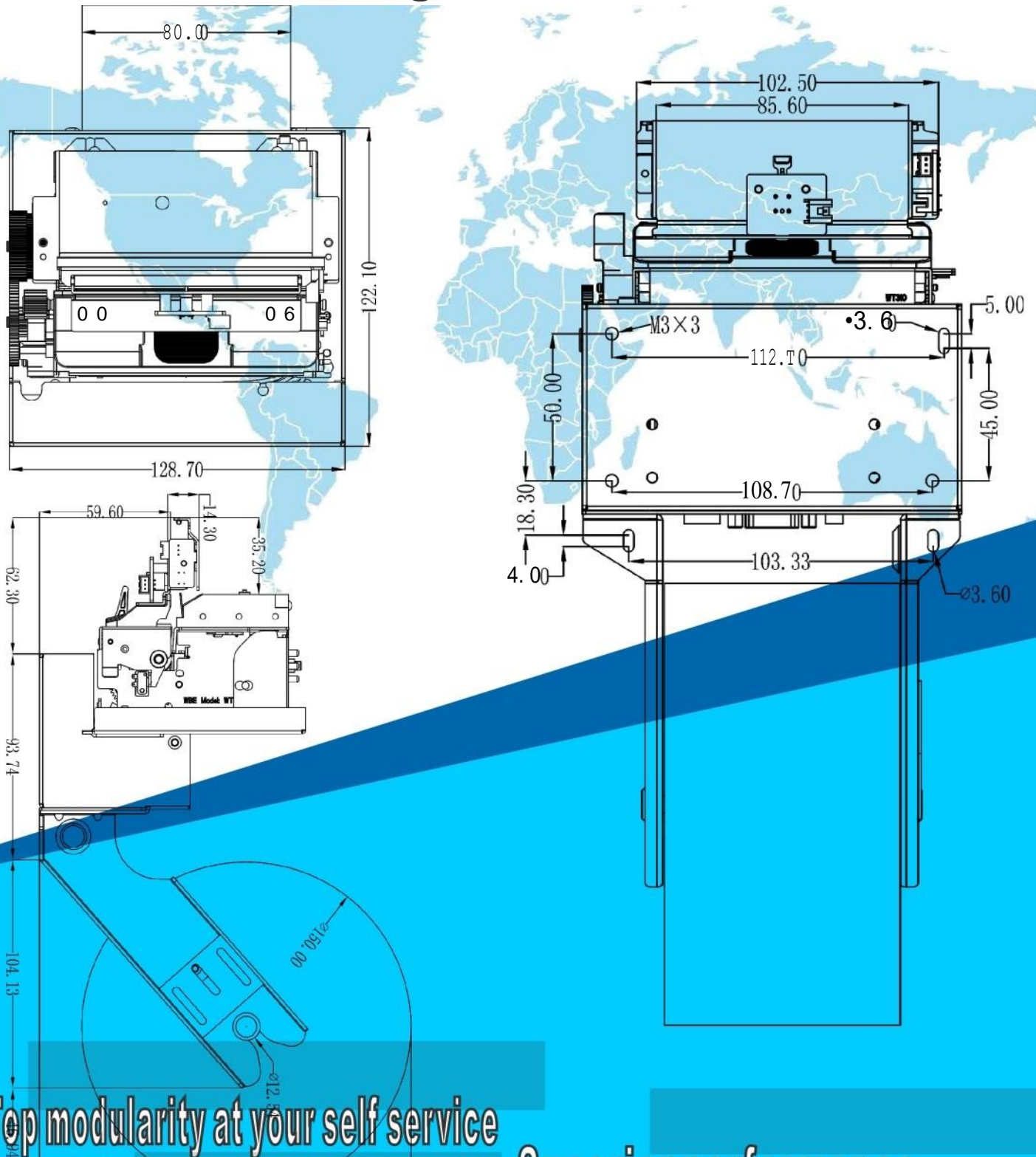


Specifications

Mode	PT80-B02
Printing method	Line thermal dot printing
Print width	72mm(576dots)
Paper width	79.5 ➔ 0.5mm
Paperthickness	50-150µm
Paper diameter	Outside diameter:Max150mm Inside diameter :Min12.5mm
Print density	203dpi
Number of dots	8dots/mm
Load paper	180°,automatic
Print speed	Max150mm/s
Character	<ul style="list-style-type: none"> • FONT A: 12-24pt, 1.25-3mm • FONT B: 9-17pt, 1.125-2.125mm
Barcode	<ul style="list-style-type: none"> • 1D barcodes : EAN8a,EAN13a,CODE39a,CODE128 • 2D barcodes : QRa,PDF417
Interfaces	RS232/USB1.0/USB2.0
Data buffer	4KB
Command	ESC/POS
Operating system	Windows XP/2000/2003/WIN 7/8/Linux/android
Sensor	Paper end, Paper near end, Black mark, Paper jam, Head up, Head temperature
Paper cut	Automatic, Full/Half
Power supply	24VDC±10%, 2A
Energy consumption	50W
Operating environment	Temperature :0~55°C Humidity :10~80%RH(No condensation)
Storage environment	Temperature :-20~70°C Humidity :10~90%RH(No condensation)
Reliability	Head life : 100KM Cutter life : 100 million cuts
Dimensions	260.18mm(D)×128.70mm(W)×122.10mm(H)



Dimensional drawing



Top modularity at your self service

Superior performance

Lower maintenance



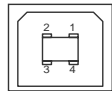
Interface specifcation

Power



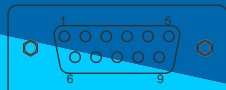
PIN	Description
1	GND
2	+24VDC

USB



PIN	Name	Description
1	VCC	+5 VDC
2	D-	Data 7
3	D+	Data +
4	GND	Ground

RS232



PIN	Name	Description
1	CD	Carrier Detect
2	RXD	Receive Data
3	TXD	Transmit Data
4	DTR	Data Terminal Reay
5	GND	Ground
6	DSR	Data Set Ready
7	RST	Request to Send
8	CTS	Clear to Send
9	RI	Ring Indicate

