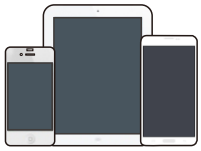
Gainscha
Reliable and Innovative

Portable Thermal Printer

PT-380 | PT-280



iOS

support window、Android、IOS connection

Gainscha

Specification

Model	PT-380		PT-280
Print mode	Label Mode	Receipt Mode	Receipt Mode
Print method	Direct thermal	Direct thermal	Direct thermal
Resolution	203DPI	203DPI	203DPI
Print speed	60mm/s(max)	60mm/s	60mm/s
Interface	USB/（USB+Bluetooth 4.0）/（USB+WIFI）/（USB+WIFI+Bluetooth 4.0）		USB+WIFI / USB+Bluetooth / USB+WiFi+Bluetooth
Print width	80mm max	72mm max	48mm
Print area	80mm×200mm max.	no length limit	no length limit
Memory	RAM：128KB FLASH:128KB NV FLSAH:60KB	Data buffer:4KB NV FLASH：60K	Data buffer:4KB NV FLASH：60K
Command set	TSPL	ESC/POS	ESC/POS
Paper sensor	Photo electricity sensor		Photo electricity sensor
Code page	PC437/PC850/PC852/PC860/PC863/PC865/WPC1250/WPC1252/WPC1243/WPC1254/WestEurope/Greek/Hebrew/EastEurope/Iran/IranII/Latvian/Arabic/Vietnam/Uygur/Thai/WPC1251/WPC1257/Cyrillic/PC858/PC747/PC864/PC1001	PC437/Katakana/PC850/PC860/PC863/PC865/WestEurope/Greek/Hebrew/EastEurope/Iran/WPC1252/PC866/PC852/PC858/IranII/Latvian/Arabic/PT151,1251/PC747/WPC1257/Vietnan/PC864/PC1001/Uygur/Hebrew/WPC1255/PC720/WPC1256/WOC1257/Thai/PC437/Katakana/PC437/PC858/PC852/PC860/PC861/PC863/PC865/PC866/PC855/PC857/PC862/PC864/PC737/PC851/PC869/PC928/PC772/PC774/PC874/WPC1252/WPC1250/WPC1251/PC3840/PC3841/PC3843/PC3844/PC3845/PC3846/PC3847/PC3848/PC1001/PC2001/PC3001/PC3002/PC3011/PC3012/PC3021/PC3041	PC437/Katakana/PC850/PC860/PC863/PC865/WestEurope/Greek/Hebrew/EastEurope/Iran/WPC1252/PC866/PC852/PC858/IranII/Latvian/Arabic/PT151,1251/PC747/WPC1257/Vietnan/PC864/PC1001/Uygur/Hebrew/WPC1255/PC720/WPC1256/WOC1257/Thai/PC437/Katakana/PC437/PC858/PC852/PC860/PC861/PC863/PC865/PC866/PC855/PC857/PC862/PC864/PC737/PC851/PC869/PC928/PC772/PC774/PC874/WPC1252/WPC1250/WPC1251/PC3840/PC3841/PC3843/PC3844/PC3845/PC3846/PC3847/PC3848/PC1001/PC2001/PC3001/PC3002/PC3011/PC3012/PC3021/PC3041
Barcode	CODE128,EAN128,ITF,CODE39,CODE93,EAN13,EAN13+2,EAN13+5,EAN8,EAN8+2,EAN8+5,CODABAR,UPC-A,UPC-A+2,UPCA+5,UPC-E,UPC-E+2,UPC-E+5,QRCode	UPC-A、UPC-E、EAN(JAN)13、EAN(JAN)8、CODE39、CODEBAR、ITF、CODE93、CODE128、QRCODE	UPC-A、UPC-E、EAN(JAN)13、EAN(JAN)8、CODE39、CODABAR、ITF、CODE93、CODE128
Font	ANK Font ,(GB18030 Simplified Chinese + Big5 Traditional Chinese + Korean）/ Japanese		Gb18030, Big5, Japanese, Korean
Font size	Font 1：1×1.5mm（8×12 dot） Font 2-8, refer to program manual Chinese：3.0×3.0mm（24×24 dot）	ANK Font, Font A：1.5×3.0mm（12×24dot） Font B：1.1×2.1mm（9×17dot） Chinese：3.0×3.0mm（24×24dot）	ANK Font FontA: 12X24dots FontB: 9X17dots Simplified/Traditional Chinese Character, Japanese, Korean: 24X24dots
Enlargement and Rotation	1~10 times enlargement in horizontal and vertical direction. Rotation in 0°、90°、180°、270°.	1~8 times enlargement in horizontal and vertical direction. Rotation in 0°、90°、180°、270°.	1~8 times enlargement in horizontal and vertical direction. Rotation in 0°、90°、180°、270°.
Image	PCX & BMP files could be downloaded into printer FLASH OR DRAM.	Support different density bitmap and downloaded bitmap printing	Support different density bitmap and downloaded bitmap printing
Paper type	Roll thermal paper/ adhesive thermal paper	Roll thermal paper	Roll thermal paper
Paper width	45mm-80mm（including backing paper）	80mm	58mm
Paper diameter	50mm±0.5mm		50mm
Battery	7.4V 2200mAh		2200mAh/7.4V
Power adapter	Input：AC 220V Output：DC 9V/1A		input: AC220V output: DC8.5V/2A
Charging time	3-5 hours		2.5h-3h
Working	Temperature：5～45℃ Humidity：≤93%RH（Non condensation）		Temperature: 5～45℃, Humidity: 10～80%
Storage	Temperature：5～45℃ Humidity：≤93%RH（Non condens）		Temperature: -10～50℃, Humidity: 10～90%
Dimension	131mm(L)x107mm(W)x58mm(H)		14.85*86*58.5mm
Mechanism life	50KM		50KM
Driver	Win9X/WinME/Win2000/WinNT/WinXP,WinVista,Win7,Win8,Win10,Linux		Win9X/Win ME/Win2000/WinNT/WinXP, WinVista, Win7, Win8, Linux
Tools	GpTools(Android)、GprinterSetTool(Windows)		GpTools(Android)、GprinterSetTool(Windows)
Software	Android SDK、iOS SDK、Gprinter App, Windows driver		Android SDK,iOS SDK,Gprinter App,Windows driver

Main Features

Light weight, palm-sized mobile printer;
Allow you to print receipts and labels anywhere you go;
Support 50mm large roll capacity
Support 2200mA battery with 7 days battery standby time;
Barcode printing support 1D and 2D QR barcodes.
For mobile printing application like parking tickets, price updating tags, logistic delivery.
You can carry it with protection case and shoulder strap and connect to wireless portable data terminal, transit data through Wi-Fi or Bluetooth.

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