HM-T3 PRO

3-inch Mobile Thermal Label Printer

Characteristic

- Adopt high-performance ARM Cortex-M7
- 80mm/s print speed
- Support CPCL and ZPL print protocol
- Equipped with 256 MB NAND FLASH
- Support TTF vector font
- Equipped with Micro-USB interface, support 5V/2A charge
- Equipped with 1.3-inch OLED display
- Support Bluetooth 4.0/LE
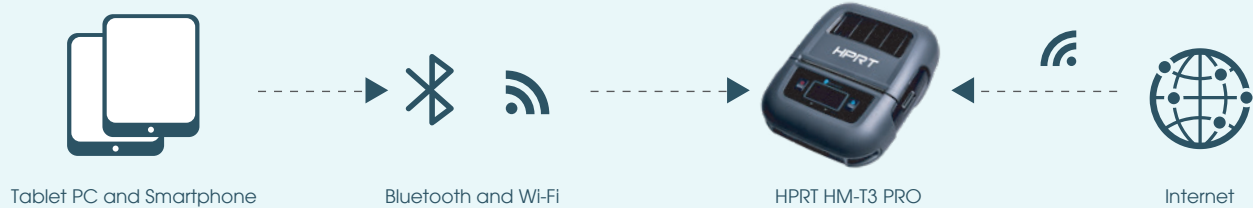- Optional Wi-Fi (802.11 b/g/n)

OLED
1.3-inch display

Support Bluetooth

M7
High-performance processor

Operational Principle

Tablet PC and Smartphone — Bluetooth and Wi-Fi — HPRT HM-T3 PRO — Internet

Advantages

- **High performance, high expansibility**
  Equipped with a processor of ARM Cortex-M7 and combined with 32 MB SDRAM, HM-T3 PRO mobile label printer can achieve high-speed print at 80mm/s. In addition, it equips with 256 MB NAND FLASH, and supports vector font download and print.

- **Support various connection modes**
  HM-T3 PRO has added 802.11 b/g/n Wi-Fi connection to promote data transmission bandwidth. Meanwhile, it reserves Bluetooth connection mode, supporting Android and iOS devices to connect for print.

- **High adaptability**
  HM-T3 PRO supports CPCL and ZPL print protocol, which can be selected through the setting menu. The design of adjustable paper guide is able to support paper width from 55mm to 80mm. And if selecting the smaller paper guide, it can fit the paper roll with 37mm to 63mm width. HM-T3 PRO also equips with two black mark sensors and one gap sensor, fitting for receipt paper and thermal label paper with black mark.

Specification

Print			Paper		
Print Method	Direct thermal printing		Paper Type	Thermal receipt paper	
Resolution	203dpi		Paper Width	55mm to 80mm (or 37mm to 63mm)	
Print Width	Max.72mm/576 dots		Paper Capacity	Max. Diameter 57mm	
Print Speed	Max.80mm/s				

Communication Interface		Power	
Standard micro-USB , Bluetooth 4.0 BLE/2.1+EDR (Dual Mode)		Input	AC 100~240V, 50/60Hz
Optional Wi-Fi（802.11b/g/n)		Output	DC 5V, 1A

Sensors		Reliability	
Printer cover open detection, Out-of-paper detection,		TPH Life	50km
Gap detection (transmission, fixed, middle)		Levels of Protection	IP42
Black mark detection (reflective, right side of print back)		Drop Test Standard	1.5m
TPH Temperature detection			

Software		Hardware	
Windows 7/8/8.1/10, Server 2008/2012/2016		Processor	ARMv7E-M Cortex-M7 32-bit RISC Processor
Linux		RAM	32MB
Mac OS X (or macOS)		Flash	256MB

Application

Travel	Health Care	Logistics	Administration	Windows	Android	iOS

HPRT
Your Future, Printed

Xiamen Hanin Electronic Technology Co.,Ltd.