

PAT-120 Quick Start Guide



Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Non-modification Statement

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Taiwan NCC

一般設備(低功率電波輻射性電機管理辦法第 12、14 條)

- 經型式認證合格之低功率射頻電機，非經國家通訊傳播委員會 (NCC) 許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
- 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

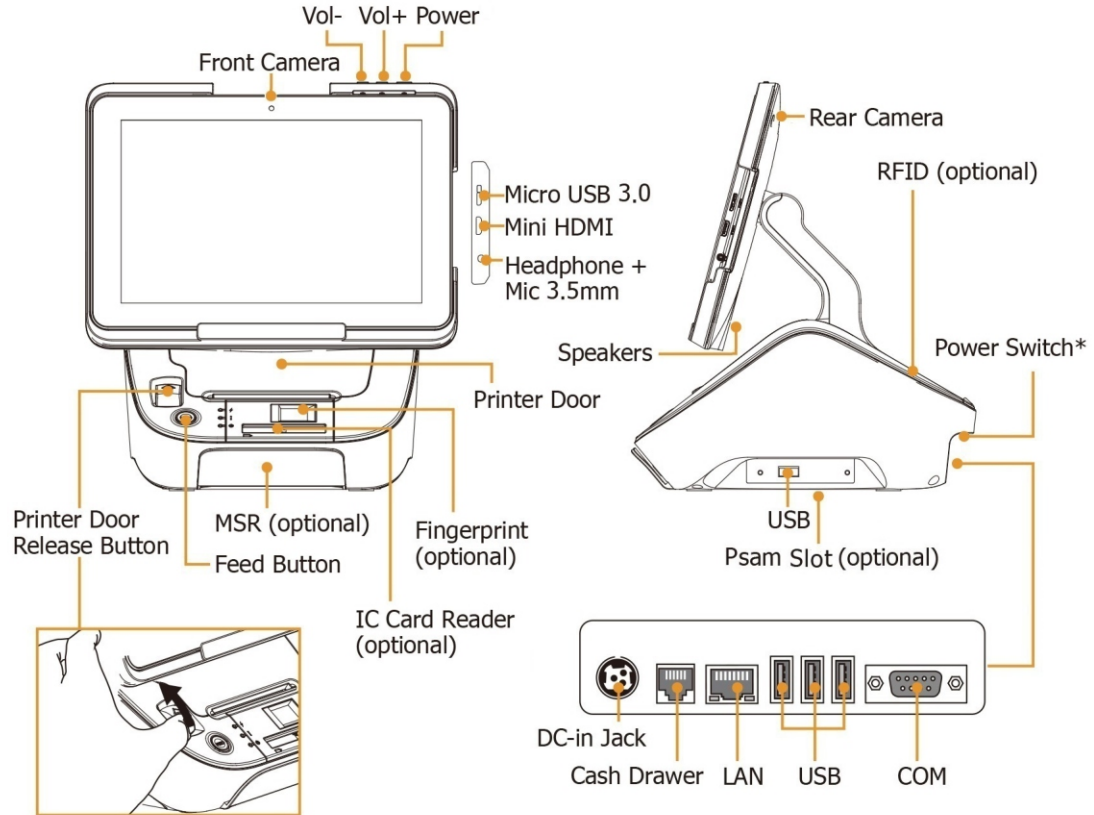
前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Safety information

Before installing and using the machine, take note of the following precautions:

- Do not place the unit on an unstable surface, cart, or stand.
- Do not block the slots and opening on the unit, which are provided for ventilation.
- Only use the power source indicated on the marking label. If you are not sure, contact your dealer or the Power Company.
- When replacing parts, ensure that your service technician uses parts specified by the manufacturer.
- Do not place anything on the power cord. Place the power cord where it will not be in the way of foot traffic.

Identifying components



PAT-120 Specification

| Item | | |
|--|--|---|
| Processor | Intel® Processor Atom™ x5-Z8350 1.44GHz (2M Cache, up to 1.92 GHz) | |
| OS | Android 5.1 | Windows 10 |
| Memory | 2GB | 4GB |
| Storage | 16GB | 64GB |
| Display | 10.1", 1280x800, 300 nits | |
| Touch | Projected capacitive touch (Multi Touch) | |
| Bluetooth | V4.0+HS | |
| WiFi | 802.11 b/g/n | |
| Camera | Front Camera 2.0MP AF, Rear Camera 8.0MP AF | |
| Sensor | G-sensor | |
| Working time | 8 hours@ film with speaker, 75% brightness, WiFi/BT on | |
| Speaker | Internal, 1*0.7W | |
| I/O | 2 * Volume Up and Down button 1 * Power button | 1 * Micro USB 3.0 1 * Mini HDMI 1 * Headphone + Mic 3.5mm |
| | 1 x DC jack 1 x RJ-11 for cash drawer 1 x RS-232 Male 9 pins 1 x Paper roll cover release button 6 x PSAM Slot (options) | 1 x Ethernet 5 x USB type A 1 x Power Switch 1 x Paper feed button |
| LED | 1 x Green LED for power indication 1 x Red/Green LED for charging indication 1 x Red LED for paper empty indication | |
| Power Adaptor | AC Input : 100V-240V, 2A, 50-60Hz DC Output: 24V, 3A | |
| Printer | Front paper out 80mm 203 DPI 160mm/s 58mm spacer (optional) Auto cutter, Paper near end sensor, Paper end sensor | |
| Optional Peripherals (Factory options) | MSR IS07811-Track 1,2,3 ; IC Card; RFID; Fingerprint | |
| Dimension | 269 (W) x 249 (D) x 295 (H) mm | |
| Weight | 2.475kg | |
| Humidity | 5% to 85% (non condensing) | |
| Temperature | Operation temperature: 0° C ~ 40° C, Storage temperature: -20° C ~ 60° C | |
| Certification | CE/FCC/BSMI/NCC/VCCI/TELEC/CCC | |

| 設備名稱: Mobile POS Terminal (電子收銀機/电子收款机) Model (型號/型式): PAT-120 | | | | | | |
|---|--|--|---|--|--|---|
| 單元/ 部件名稱/ Part name | 限用物質及其化學符號/ 有毒有害物質或元素/ Hazardous substances' name | | | | | |
| | 鉛(Pb)及其化合物/ 鉛(Pb)及其化合物/ Lead(Pb) and its compounds | 汞(Hg)及其化合物/ Mercury(Hg) and its compounds | 鎘(Cd)及其化合物/ 鎘(Cd)及其化合物/ Cadmium(Cd) and its compounds | 六價鉻(Cr6+)及其化合物/ 六價鉻(Cr6+)及其化合物/ Hexavalent chromium (Cr6+) and its compounds | 多溴聯苯(PBB)/ 多溴聯苯(PBB)/ Polybrominated biphenyls (PBB) | 多溴二苯醚(PBDE)/ 多溴二苯醚(PBDE)/ Polybrominated diphenyl ethers (PBDE) |
| 塑料外殼/塑料外殼/Plastic Shell | ○ | ○ | ○ | ○ | ○ | ○ |
| 喇叭/揚聲器/Speaker | ○ | ○ | ○ | ○ | ○ | ○ |
| 液晶面板/液晶面板/LCD Panel | ○ | ○ | ○ | ○ | ○ | ○ |
| 電路板/電路板/Circuit Board | ○ | ○ | ○ | ○ | ○ | ○ |
| 電源線/電源線/Power Cable | ○ | ○ | ○ | ○ | ○ | ○ |
| 其他線材/其他電線/Other Wire | ○ | ○ | ○ | ○ | ○ | ○ |
| 備考1. "○"係指該項限用物質之百分比含量未超出百分比含量基準值。 備考2. "-"係指該項限用物質為排除項目。 | | | | | | |
| 本表格依據 SJ/T 11364 的規定編制。 ○: 表示該有害物質在該部件所有均質材料中的含量均在 GB/T 26572 規定的限量要求以下。 ×: 表示該有害物質至少在該部件的某一均質材料中的含量超出 GB/T 26572 規定的限量要求。 | | | | | | |
| This table is prepared in accordance with the provisions of SJ/T 11364. ○: Indicates that said hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572. ×: Indicates that said hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement of GB/T 26572. | | | | | | |

CE RF Feature

| RF Spec. | NFC | BT 4.0+HS | WIFI b/g/n |
|-------------------------|----------|---------------|--|
| Frequency Range | 13.56MHz | 2402~2480 MHz | 2400~2497MHz |
| Max. Output Power (dBm) | NA | 9 | 802.11b/11Mbps: 16dBm ± 1.5dB 802.11g/54Mbps: 15dBm ± 1.5dB 802.11n/65Mbps: 14dBm ± 1.5dB |

Contact Information
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