

# Wireless POS Terminal

D210



**PAX TECHNOLOGY LIMITED**

## 1. Installation

### 1) SAM Card Installation


- ① Open up battery cover, which is at the bottom of the terminal;
- ② Take out battery;
- ③ Insert SAM card to corresponding SAM card slot.


### 2) Battery Installation

- ① Hold the battery with its facing up;
- ② Attach battery forelock to battery bayonet;
- ③ Press down the other side of the battery

## 2. Instruction

### 1) Power ON/OFF

Power on: Insert power adapter or insert the battery, Press  button for 3 seconds until LCD backlight is on. If POS terminal is being turned on successfully, PAX LOGO can be seen and 'Di' from the buzzer can be heard.

Power off: Press  button for 3 seconds until Shutting down... can be seen. POS terminal is being turned off.

### 2) Magnetic Stripe Card

When user swipes magnetic stripe card along the slot, the backside of card, which contains magnetic strip information, should be facing to the terminal. Bi-directional swiping is supported. It is recommended to swipe starting from the top of the terminal to the bottom of the terminal with a constant moving speed.

### 3) IC card

When user insert IC card into the IC slot, the chip of IC card should be facing up; user is recommended to gently insert the card, in order to avoid any physical damage to the card or the IC slot of the terminal. If IC card is successfully read by the terminal, the IC card icon will be shown on LCD display screen.

### 4) Tearing off receipt from the terminal

After the receipt is printed, pinch the end of the receipt and keep an angle of 45 degrees between receipt and the cutter of the terminal; tear off the receipt swiftly.

## 3. Specifications

### Default

CPU: 32-bit, ARM11

Memory: 64MB DDR , 128MB Flash, Micro SD(Maximum 32GB)

Display: 2.8 -inch 320x240 pixel color TFT LCD; LED backlight;

Keypad: 10 alphanumeric keys, 8 functional keys

Magnetic Card Reader : Track 1/2/3, bi-directional swipe

IC Card Reader: 1 user card (EMV2000)

Contactless Reader: 1 Contactless Reader(ISO/IEC 14443 Type A/B)

SAM slots: SAM slot×2 or SAM slot×1

Communication: Bluetooth, WIFI, WCDMA

Peripheral Ports: 1 Mini USB Interface (RS232), 1 Mini USB Interface(USB HOST), 1 Power Interface

1 Multi-Functional port(High-Speed RS232+Power charge port)

Printer : Thermal printer; Speed:18 lines/sec; Paper width:58mm

Paper roll outside diameter: 40mm  
Power Supply: Input: 100-240VAC ~0.3A 50/60HZ  
Output: 9V DC 1A  
Battery: Li-on battery, 2300mAh, 7.4V  
Working Environment: Temperature: -10°C~50°C(32°F~122°F)  
R.H.: 10%~93%(non-condense)  
Storage Environment: Temperature:-20°C ~ 70°C (-4°F~158°F)  
R.H.:5% ~95%(non-condense)  
Dimensions: 166.48mm ×80.09mm×52.99mm (L×W×H)  
Weight: 365g(with Li-on battery)

#### **4. Installation and Usage Tips**

- 1) Do not damage electric wire and power adapter. If electric wire or power adapter is damaged , please do not use the terminal any more.
- 2) Before power adapter is plugged into power socket, please make sure that voltage which the power socket supplies is appropriate working voltage for the terminal.
- 3) Do not expose the terminal in sunshine, or in humid, hot, or dusty environment
- 4) Keep the terminal away from liquid material
- 5) Do not plug any unknown material into any port of the terminal, since it may create serious damage to the terminal.
- 6) If the terminal is defective, please contact professional POS repair technicians.
- 7) When installing paper roll, please be aware of the cutter within paper bracket.
- 8) Please use standard thermal paper, in order to protect the printer and avoid paper jam.
- 9) Do not assemble the terminal in explosion hazardous area.

#### **5. Battery Usage Tips**

- 1) Charge indoor by PAX charger, where is cool and well ventilated;
- 2) Do not apart the battery;
- 3) Do not short circuit the battery;
- 4) Keep the battery away from sunshine, smog and dust;
- 5) Do not squeeze, punch the battery, put it into liquid or near fire;
- 6) Keep way from environment which is too hot , too cold, damp and highly explosive;
- 7) Once a failure happens such as heating or distortion, or it was broken down. Please change new battery;
- 8) Change new battery if it cannot satisfy your requirement;
- 9) Change new battery if using more than two years.

## **FCC Regulations:**

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.

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

## **FCC RF Exposure Information (SAR)**

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device is set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage near the body. Although the SAR is determined at the highest certified power level, the actual SAR level of the while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of [www.fcc.gov/oet/ea/fccid](http://www.fcc.gov/oet/ea/fccid) after searching on FCC ID: V5PD210WCDMA.

For this device, the highest reported SAR value for near the body is 1.38W/kg.

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.