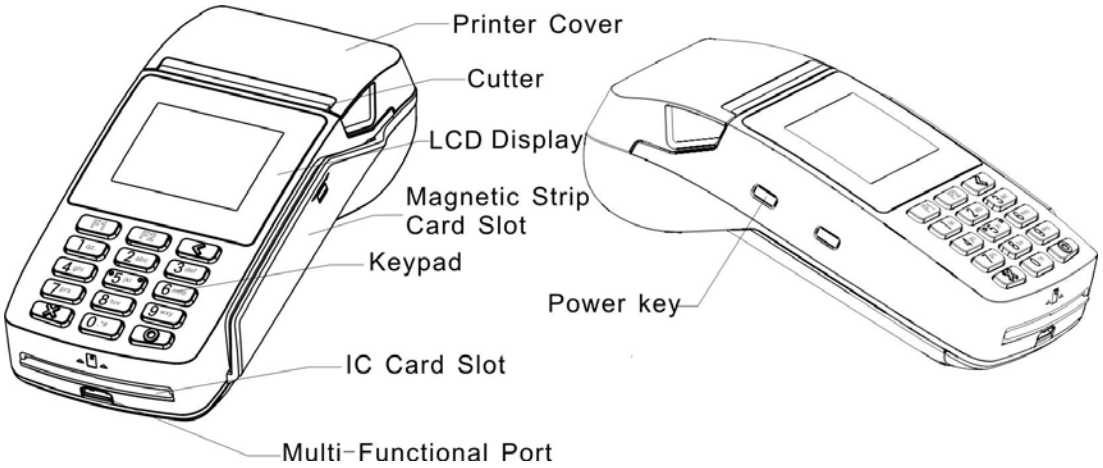
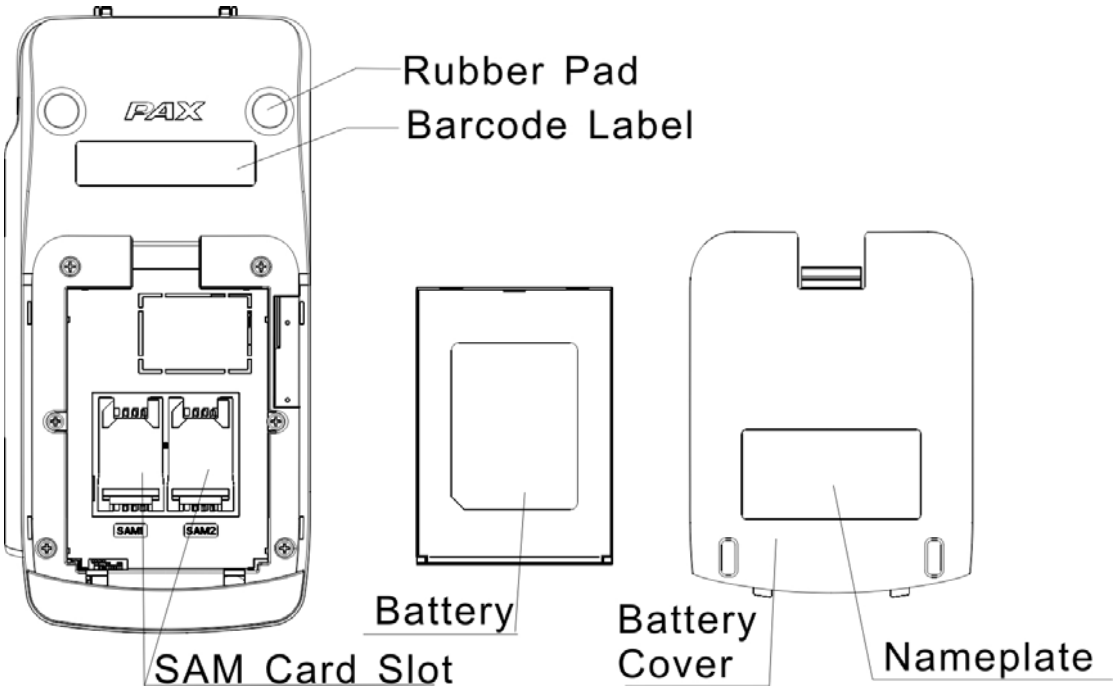
D210-W Wireless POS Terminal

PAX TECHNOLOGY LIMITED

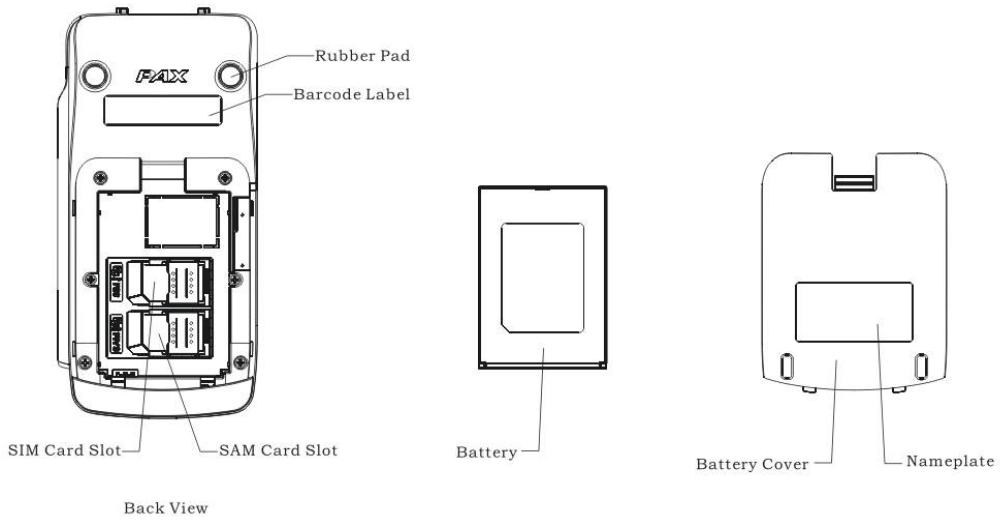
1. Production Description：



TOP View



Bottom View



Bottom View（GPRS Version）

2. Installation

1） SAM /SIM Card Installation

① Open up battery cover, which is at the bottom of the terminal;

② Take out battery;

③ Insert SAM /SIM card to corresponding SAM /SIM card slot.

2） Battery Installation

① Hold the battery;

② Attach battery forelock to battery bayonet;

③ Press down the other side of the battery

3. Instruction

1） Power ON/OFF

Power on: Insert power adapter or insert the battery, Press button for 3 seconds until “Di” from the buzzer can be heard, then LCD backlight is on and PAX LOGO can be seen.

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.

ICC Operation Process

Before inserting the IC card, please check inside and around the IC card slot. If there is any

suspicious object, please don‘t insert card and immediately report to the relevant staff.

4） Contactless Card

Card read area is above the LCD.

5） 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.

4. Specifications

Default

CPU： 32-bit，MIPS

Memory：32MB SDRAM , 32MB NOR Flash

Display：2.4 -inch 240x320 pixel color TFT LCD；LED backlight；

Keypad：10 alphanumeric keys, 5 functional keys

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

IC Card Reader：1 user card （EMV2000）

SAM/SIM slots：

SAM slot×2 (WIFI or Bluetooth Version)

SAM slot×2+ SIM slot×2 (GPRS Version)

Communication： WIFI

Peripheral Ports: 1 Multi-Functional port (RS232 + USB Device+ Power charge port)

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

Paper roll outside diameter:40mm

Power Supply：Input：100—240VAC ~0.8A 50/60HZ

Output：12V DC 2A

Battery：Li-on bttery,1950mAh,7.4V

Working Environment： Temperature：0 ℃~40℃(32℉~104℉)

R.H.: 10%~93%(non-condense)

Storage Environment： Temperature:-20℃ ~ 70℃ (-4℉~158℉)

R.H.:5% ~95%(non-condense)

Dimensions：162.5mm ×82.5mm×56.5mm（L×W×H）

Weight：365g (with battery)

5. 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.

6.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 radiated 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.

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

Cet appareil est conforme aux dispositions de la partie 15 des règles de la FCC et des normes CNR d'Industrie Canada sur les appareils radio exempts de licence. Son utilisation est assujettie aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférence nuisible; et (2) cet appareil doit accepter toute interférence reçue, y compris l'interférence qui pourrait causer un fonctionnement non désiré. Cet équipement a été testé et jugé conforme aux limites d'un appareil numérique de la Classe B, en vertu de la partie 15 des règles de la FCC et de la NMB-003 canadienne. Ces limites sont conçues pour fournir une protection raisonnable contre l'interférence nuisible dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer une interférence nuisible aux communications radio. Toutefois, il n'est pas garanti que l'interférence ne se produira pas dans une installation particulière. Si cet équipement cause une interférence nuisible à la réception radio ou de programmes de télévision, laquelle peut être déterminée en éteignant et en allumant l'équipement, l'usager est encouragé à essayer de corriger l'interférence par l'une ou plusieurs des mesures suivantes :

• Réorientez ou relocalisez l'antenne de réception.

• Augmentez la séparation entre l'équipement et le receveur.

• Connectez l'équipement à une prise sur un circuit différent de celui auquel de le receveur est connecté.

• Consultez le vendeur ou un technicien radio/de télévision pour obtenir de l'aide.
La FCC ou Industrie Canada peut vous obliger à arrêter d'utiliser votre appareil si une telle interférence ne peut pas être éliminée.
D210-W n'a pas approuvé les changements ou modifications apportés à cet appareil par l'usager. Tous les changements ou modifications apportés peuvent entraîner la révocation de l'autorisation d'utilisation de l'appareil.

RF Exposure Information

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 with the separation of 0 mm. 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.

Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.

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 after searching on **FCC ID: V5PD210WF**

For this device, the highest reported SAR value for near the body is 0.10 W/kg, based on a separation distance of 0 mm between the unit and the human body.

IC Notice

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

IC: 11689A-D210WF

IC Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528 and IEC 62209. This equipment should be installed and operated with minimum distance 0 cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet appareil est conforme aux limites d'exposition DAS incontrôlée pour la population générale de la norme CNR-102 d'Industrie Canada et a été testé en conformité avec les méthodes de mesure et procédures spécifiées dans IEEE 1528 et IEC 62209.
Cet appareil doit être installé et utilisé avec une distance minimale de 0 cm entre l’émetteur et votre corps. Cet appareil et sa ou ses antennes ne doivent pas être co-localisés ou fonctionner en conjonction avec tout autre antenne ou transmetteur.