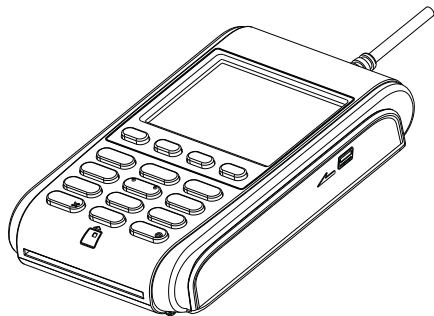


# 6210 MIS PINPAD

## PRODUCT MANUAL



NEW POS TECHNOLOGY LIMITED

*NEW POS Technology limited*

### For you safety

- ★ Use only approved power supply for 6210. Using other power supply may damage the device.
- ★ Do not use ethanol or other corrosive liquid to clear the device.

### Contents Checklist

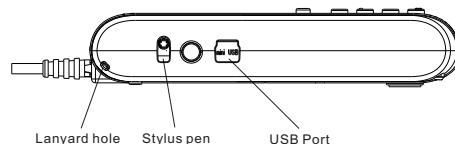
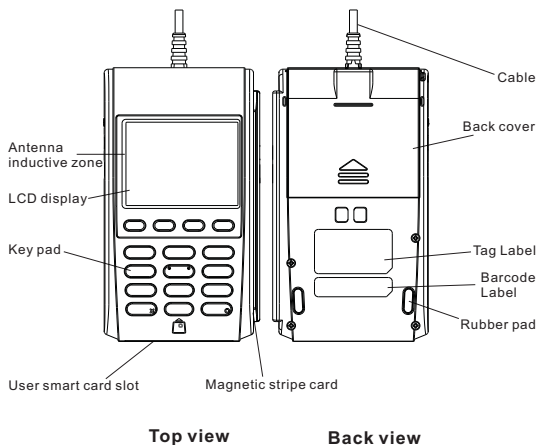
The following items should be found inside the box:

- |                   |                 |
|-------------------|-----------------|
| 1 POS terminal    | 1PCS            |
| 2 AC Power Supply | 1PCS(Optional)  |
| 3 Product Manual  | 1PCS            |
| 4 Shield          | 1PCS (Optional) |
| 5 Stylus cable    | 1PCS (Optional) |

## Product Introduction

6210 is a powerful PCI approval, EMV approval PINPAD , with extraordinary performance in data intensive, multiple applications and EMV transactions.

### 6210 Figure



### Interface Figure

#### Parts function description

##### Antenna inductive zone:

The zone for tapping contactless card.

##### LCD display:

2.8 inch and 320\*240 TFT LCD. Optional signature capture function.

##### Key pad:

10 alphanumeric keys, 6 functional keys.

User smart card slot: Supporting EMV card with contact surface facing up.

Magnetic stripe card : 1/2/3 Tracks, bi-directional swiping with the magnetic stripe facing LCD.

##### Cable:

The cable is used to connect the pinpad to other device.

##### Back cover:

Remove the cover to install battery or SAM card.

##### Tag label:

Showing model name, rated device parameter.

##### Barcode Label:

Indicating device serial number.

##### Rubber pad:

Two pads, anti-vibration/non-slip.

##### Lanyard hole :

Can be installed lanyard, easy to carry.

##### Signature pen :

Electronic signature pen.

##### USB Port:

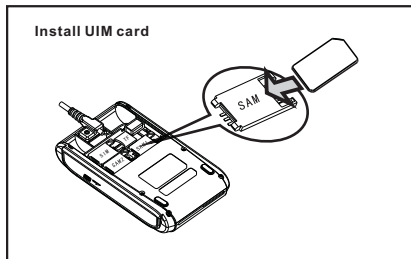
USB communication interface.

## Installation Guidance

1. Install the SAM card
  - \* Remove the back cover of device;
  - \* Insert the card into the SAM card slot.
2. Remove the SAM card
  - \* Remove the back cover of device;
  - \* Draw the SAM card out the slot.

### Note

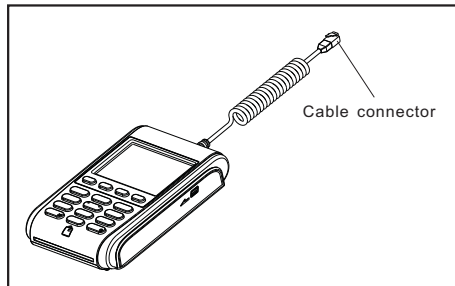
- ▲ Make sure that the device is in power off status when installing or removing SAM card.
- ▲ Do not paste any lable on the SAM card, or the card with lable can not be inserted smoothly.



3. Connect the cable
  - \* Plug the cable of pinpad into the connector of the host device.

### Note

- ▲ Make sure that the power supply fo 6210 meets all the needs.
  - ▲ Make sure that the connectors o 6210 and the host device can be totally matched.
4. Switch on the device
    - \* When the power is supplied to the device, the device will be switched on automatically. The buzzer of the device beeps and the backlight is switched on to show the device boots successfully and LCD shows the corresponding program launch menu.
  5. Switch off the device
    - \* The device will be switched off once after cutting off the power supply.

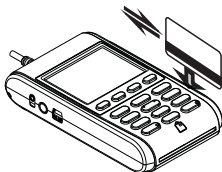


#### 6. Swiping a Magnetic Stripe Card

- During card swiping, the magnetic stripe should be downward and face the LCD of terminal, swipe it through the slot located on the right side of the terminal bidirectionally;
- Swipe the card at steady speed.

#### Note

- ▲ During swiping, keep the lower edge of the magnetic stripe card horizontally with the card guiding surface. Or it maybe lead to swiping card error.



**How to swipe card**

#### 7. Contactless card (optional)

- For top tapping card, contactless card antenna inductive zone is located on the space on the LCD. Tap the contactless card above the LCD horizontally for some seconds. The buzzer will prompt the cardholder the completion of transaction.



**Top tapping contactless card**

#### 8. Insert user smart card

- Insert smart card with the gold-colored contact surface facing up into the card slot. View LCD ICC card icon to determine if IC card is inserted into its place. If the IC card icon is switched on, it indicates OK. While the icon is off, please confirm whether gold-colored contact surface of card is facing up and IC card is inserted into its place.



**Insert user smart card**

#### 9. How to connect the stylus to the terminal

- Take out the cable from the bag with specification, and connect the stylus and terminal with the cable to prevent the loss of stylus.

## Technical Specifications

### Terminal characteristics

- Processor: 32 bit secure ARM11 CPU.  
 Memory: 128MB FLASH, 64MB SDRAM.  
 Display: 2.8 inch , 320\*240 TFT LCD. Optional signature capture function.  
 Keypad: 10 alphanumeric keys, 6 functional keys.  
 Magnetic Card Reader: Compliant with ISO7811, ISO7812;Track1/2/3, bi-directional swipe, supports smart error correcting.  
 IC Card Reader: 1 user card(EMV4.3), supports SLE4442/SLE4428 memory card.  
 PSAM Slots: 2(optional 3)PSAM slots, compliant with ISO7816. Supports PPS protocol.

### Contactless Card Reader:

- (Optional) Supports Mifare classic, Mifare Ultralight, Mifare DESFire, ISO 14443A&B, SONY Felica.

- Internal PIN PAD: Supports MK/SK, Fixed, DUKPT, supports dual and triple length TDES. Supports RSA, AES.

- Peripheral Ports: 1 mini USB OTG.

- Cable: RS232/USB

- Language: Supports Chinese GB18030, English, French, German, Latin, Russian, Arabic, Vietnam etc, support Unicode.

- Dimensions: 140mm\*80mm\*29mm(L\*W\*H).

- Weight: 260g.

- Identification: CCC, CE, FCC, RoHS, PCI PTS3.X, EMV4.3 level 1&2, PBOC3.1, qPBOC.

## Environment

### Working Environment:

Temperature: 0°C ~ 50°C (32°F ~ 122°F). Humidity: 10% ~ 90% (non-condense).

### Storage Environment:

Temperature: -20°C ~ 60°C (-4°F ~ 140°F). Humidity: 5% ~ 95% (non-condense).

## Security guidance during PIN-entry

- \* 6210 belongs to attended device.
- \* Install the device on an adjustable stand that allows consumers to swivel the terminal side ways and/or tilt it forwards/backwards to a position that makes visual observation of the PIN-entry process difficult.
- \* Place the in-store security cameras where the PIN-entry keypad is not visible.
- \* Card holder had better use his/her body and hands to prevent visual observation of PIN-entry process.
- \* Do not outlet PIN to others or write the password card.

## Special statement

NEW POS Technology limited reserves the right to substitute, add or alter any item in the manual.

NEW POS Technology limited tries best to avoid literal error and does not accept any responsibility for it.

NEW POS Technology limited undertakes no responsibility for any loss and harms that result from misuse of the device not complying with the instruction of product manual.

All rights reserved.

**Note:**

1. Warranty valid for 12 months after purchasing date.
2. This warranty will be voided if the product is damaged due to natural disaster, fire, unauthorized alteration or improper usage.
3. Free Warranty covers original parts only
4. Warranty service will not be provided if no the dealer's stamp or this card is missing.

**NEW POS TECHNOLOGY LIMITED**

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## FCC Warning

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

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 equipment 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.