Installation Manual

P/N:200312000000128

S300
PIN Pad

PAX TECHNOLOGY LIMITED reserves the right to change product technology specifications without notifying.

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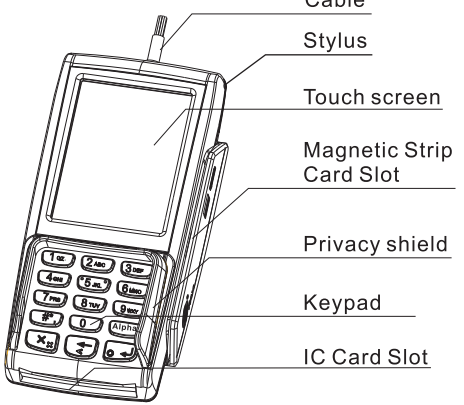
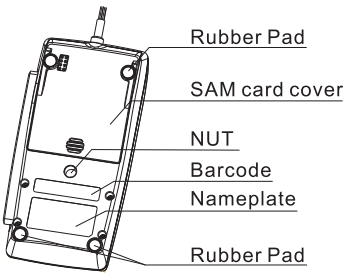
Abstract:

Thank you for purchasing S300 MIS PINpad. You now have a multi-functional, security, convenient PINpad.This manual provides you with a basic installation guide. In order to fully understand the performance of S300, and for security reasons, please spend some time read the manual.

1 Product Description

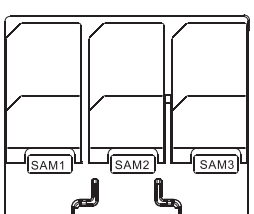


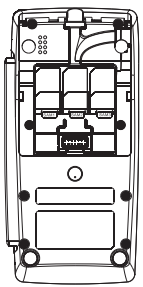


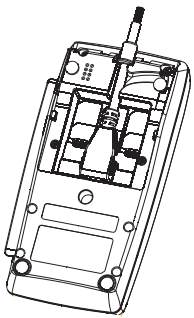
2 Installation

1) SAM card installation:

Open up SAM card cover which is in the front of the unit, unplug the cable. Insert SAM card into one of the SAM card connectors.Plug the cable back and put the cover back in place, which is showed as below.







2) Connect the Power and communication line.

There may be several different cables according to different configuration,such as USB and COM,LAN and COM…

E.g. LAN and COM: connect a Ethernet cable to the LAN socket or a RS232 cable to the COM socket.Then connect the Adapter and Power on the PINpad.

3 Instruction

1) Power On/Off

Power On: After inserting the cable into the unit and connect the Adapter, the unit is powered on by the cable automatically.

Power Off: Unplug the cable from the device thus the unit lost power which is power off.

2) Magnetic swipe

When pulling a magnetic card along the slot, make the magnetic stripe face the machine. Bi-directional pulling the magnetic card is acceptable. It is recommended from up to down, and with a steady speed.

3) IC card operational description

When insert a card. make the contact of the card upward. Gently insert and withdraw the card In order to protect the contact on card and IC card connector.

4) Electronic signature

S300 support electronic signature. Please be sure to use the stylus of S300, Do not use metal or sharp objects to operate the touch screen, so as not to damage the touch screen.

4 Specifications

Basic configuration

CPU: 32-bit ARM11
Memory : 64MB DDR RAM 128MB NandFlash
Display: 3.5-inch 240x320 true color LCD, LED backlight
Keypad: 10 alphanumeric keys, 5 functional keys
Touch screen: support Electronic signature
Peripheral Port: 1 RS232 Port or 1 USB Port or 1 LAN Port
Power Supply: DC5.0V, 1.0A
Magnetic Card Reader: IS07811. Track I/2/3. Bi-directional swipe
IC Card Reader: EMV 2000, qPBOC2.0 compliant
SAM slots : 1,up to 3,IS07816
USB: USB OTG, support Dongle
Working Environment
Temperature: 0℃~50℃ (32℉~122℉)
R.H. : 10%~90% (non-condensing)
Storage Environment
Temperature: - 20℃~70℃ (-4℉~158℉)
R.H. : 5%~95% (non-condensing)
Weight: 290g
Dimensions: 167mm x 81mm x 50mm
(L x W x H, including privacy shield)

Optional

Built-in TCP/IP module (10M/100M full duplex)
Built-in contactless card reader module (13.56MHZ, color LCD RF Indicator)

5 Notice at Installation and Use

- Please note the rating voltage. Use the device neither over voltage nor low voltage.
- When this device is connected to the host, make sure use proper cable.
- Protect the cable. When the cable is broken, do not use the device.

- Do not place the device at any places with direct sunlight, high temperature, humidity, dusty, or full of corrosive gas.
- Keep it away from liquid.
- Do not insert any stuff except card into the IC card slot thus may lead to severe damage of the device.
- When the device has troubles, please contact maintenance personnel. It is not allowed to fix it by customer.

6 PIN Protection

This is a handheld device. The following methods are suggested to ditter any disclosure of cardholder's PIN or passwords when using the device.

1) Use the privacy shield and keep awareness when input PIN.

2) Cardholder should keep alert when input PIN and be aware of use body or hand as shield to protect their PIN.

3) Merchant should properly install surveillance devices to avoid capture of cardholder's PIN or passwords.

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.

RF Exposure Information

This device meets the government’s requirements for exposure to radio waves.

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 U.S. Government.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.