

## ***PINPAD 8006L1-1CRA SERIES***

# ***INSTALLATION GUIDE***



## 1. CONNECTING THE 8006L1-1CRA PIN PAD

The 8006L1-1CRA device can be used to connect with PC/ terminal. It supports RS232, USB interfaces via different cable types such as DB9 (**Figure 1**) and standard USB (**Figure 2**) connector.

- Input voltage/current:

5V/500mA for 8006L1-1CRA USB or 12V/500mA for 8006L1-1CRA DB9

AC adapter for DB9: HON-KWANG ELECTRIC Co.,LTD HK-AX-120A200-EU

Input: 100-240Vac/0.8A, 50/60Hz.

Output: 12V/2.0A

- Operating Temperature: 0 ~40

**Note:** Turn off or unplug the PC/terminal whenever you connect or disconnect the PIN Pad. Be sure the PC/terminal is not processing data when powered off.



Figure 1



Figure 2



Figure 3

**Caution:** The cover (**Figure 3**) shall be provided with a means to keep it closed during normal operation.

**Warning:** This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

## 2. USING CARD READER

### MAGNETIC STRIPE READER

Find the card reader slot at the right side of PIN Pad.

Slide the card in either direction through the slot without stopping. If the card swipe fails, check the position of the magnetic stripe and slide the card again. (**Figure 4**)

### SMART CARD READER

Find the card reader slot on bottom of PIN Pad. Please insert the card completely and make sure that it cannot be moved forward anymore. If inserted failed, check the position of the card and insert the card again. (**Figure 5**)

### CONTACTLESS READER

Contactless reader is on the top of 8006L1-1CRA. It will light up and blink with first green color signal when 8006L1-1CRA is powered on and that means reader is working normally.

Put contactless card to approach the signal icon in the middle area of card reader (**Figure 6**) for reading the card data during transaction.



Figure 4



Figure 5



Figure 6

### 3. USING THE PIN PAD

Press numeral key to enter password if needed. Then press green [ENTER] key to finish password key-in. Press red [CANCEL] key to exit from presently status (**Figure 7**).

**Note:** If the PIN is entered incorrectly, press [CANCEL] and re-enter it.



Figure 7

### 4. INSTALLING THE PRIVACY SHIELD

The privacy shield is installed on the device, and the keypad will be separated from the LCD. (**Figure 8**)



Figure 8

### 5. CLEANING

Periodically clean the PIN Pad device with a clean cloth dampened with water and a mild soap or cleaner. Do not use harsh chemicals.

### 6. MAINTENANCE

Stringent quality-control standards are followed in manufacturing all PIN Pad devices. Numerous tests are performed on each unit before leaving the factory to ensure quality and reliability.

### 7. RETURNING THE 8006L1-1CRA PIN PAD

If you need to return your PIN Pad device for service or replacement, contact your service provider or sales representative for instructions.

**Note:** Do not try to service, repair or adjust the PIN Pad device in any way; doing so will void your warranty.

**Caution:** Risk of explosion if the battery is replaced by an incorrect type. Please dispose of used battery according to the instructions.

#### Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class A 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 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.

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

**Industry Canada statement:**

This device complies with RSS-210 of the Industry Canada 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.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

**IMPORTANT NOTE:**

**Radiation Exposure Statement:**

This equipment complies with IC 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.

**NOTE IMPORTANTE: (Pour l'utilisation de dispositifs mobiles)**

**Déclaration d'exposition aux radiations:**

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

**Warning:** This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

**Warning:** If the device, 8006LI-1CRA, is used without the detachable privacy shield, the following criteria needs to be met by the Installed Environment of the PED for complying with the PCI privacy screen design requirement:

- A. Positioning of the PED on the check-stand in such way as to make visual observation of the PIN-entry process infeasible.
  - 0. Visual shields designed into the check-stand.
  - 1. Position the PED so that it is angled in such a way to make PIN spying difficult.
- B. Pop-up (temporary) privacy shield attached to the PED mounting stand. Consumer (through education & prompting) or merchant would put the shield in place during PIN entry.
- C. Installing PED on an adjustable stand that allows consumers to swivel the terminal sideways and/or tilt it forwards/backwards to a position that makes visual observation of the PIN-entry process difficult.
- D. Positioning of in-store security cameras such that the PIN-entry keypad is not visible. Instructing the cardholder regarding safe PIN-entry, done with a combination of:
  - Signage on the PED.
  - Prompts on the display, possibly with a "click-through" screen.
  - Potentially literature at the point of sale.
  - A logo for safe PIN-entry process.

**Table A1: Matrix of Observation Corridors and PIN Protection Method**

Method	Observation Corridors				
	Cashier	Customers in Queue	Customers Elsewhere	On-Site Cameras	Remote Cameras
PED Stand A	M	H	L	L	L
PED Stand B	H	H	H	L	M
Check-Stand A	L	M	M	L	H
Check-Stand B	H	H	M	H	H
Customer Instruction	H*	H*	H*	H*	H*

Customer Instruction methods are less repeatable and therefore should be used in combination with other methods. L = low, M = medium, H = high.



XAC Automation Corporation  
886-3-577-2738  
www.xac.com.tw

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