A Partner You Can Trust

ALL IN ONE PAYMENT TERMINAL

INSTALLATION GUIDE

MODEL:
xAPT-103
xAPT-103WiFi
xAPT-103WiFi.3G
xAPT-103LAN

1. BEFORE STARTING

Open the gate behind the device (Figure 1), and find the power input on the right side of the terminal. Connect the plug from the power adapter into the power input (Figure 2). Plug the power adapter into a 120-volt electrical outlet or into a surge suppressor (recommended) after the power cord is connected to the power adapter.

Figure 1

Figure 2

- Operating Temperature: 0 °C to 40 °C
- Modem Speed: V.22bis 2400bps / V.32bis 14400bps
- RTC battery spec. : 3V, CR2032

Caution: The cover (Figure 5) shall be provided with a means to keep it closed during normal operation.

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

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.

Connect one end of the phone cord into one of the jacks on the back of the terminal (Figure 3). Plug the other end of the cord into a modular wall jack (Figure 4). Use only a jack for an analog line like a fax line or a standard telephone.

Figure 3

Figure 4

(Optional) This terminal supports three USB ports. Two USB host ports locate on the back of the terminal (Figure 5). One USB device port locates on the left side of the terminal (Figure 6). If the terminal uses a peripheral device with USB connector, plug it into the USB host port.

(Optional) This terminal supports one RS-232 ports of RJ-12 offset keyed connector. If the terminal uses a peripheral device with this type of connector and interface, plug it into the RS-232 port on the back of the terminal (Figure 7).

(Optional) If the terminal needs communication over Ethernet, plug cable into the RJ-45 port on the back of the terminal (Figure 8).

(Optional) The terminal supports GSM / 3G M2M wireless communication and the SIM card slot locates on the left side of the device (Figure 9). There are 4 SAM slots on the left side and SAM 4 also supports SIM slot function. Insert the SIM card into the SIM card slot (SAM 4) to communicate with GSM / 3G (Figure 9). Make sure SIM card is inserted in the right direction.

Figure 5

Figure 6

Figure 7

Figure 8

Figure 9

2. POWER ON THE TERMINAL

Plug the power cord into the power jack and plug the power adapter into a 120-volt electrical outlet or into a surge suppressor (recommended) after the power cord is connected to the power adapter. Press the “Cancel” button at the front of device (Figure 10) until the system is booted up.

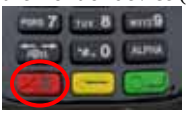

Figure 10

3. LOADING THE PAPER

Gently pop the printer cover’s latch to open the cover (Figure 11); then lift the cover. Load a roll of thermal paper (Appleton 1012 recommended) into the printer (Figure 12). Load it so that the print-side of the paper will feed out facing the operator. Close the cover by pressing down evenly on both side tabs, or by pressing on the center of the printer cover. Use the serrated bar to tear off any excess paper.

Figure 11

Figure 12

4. USING THE MAGNETIC CARD READER

Magnetic Card Reader

Find the card reader slot at the right side of terminal. 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 13).

Contactless Card Reader

Contactless reader antenna is around the display and PIN pad. It will light up with blue color signal when terminal is powered on and that means reader is working normally. Put contactless card to approach the antenna of card reader (Figure 14) for reading the card data during transaction.

Smart Card Reader

The Integrated Circuit Card (ICC) reader is located at the most bottom end (Figure 15). Please make sure that ICC side is facing upward when inserting into the slot.

Figure 13

Figure 14

Figure 15

5. USING THE KEY PAD

To enter numbers or letters, simply press the appropriate key. For example, to type the letter B: Press and release [B] twice times, then display shows B (Figure 16).

Figure 16

6. INSTALLING THE SAM CARD

There are four SAM slots located on the left side of the device (Figure 17). Before insert the SAM card, please turn off the device. Insert the SAM card in the slot in figure 17. Make sure SAM cards inserted in the right direction (Figure 18).

Figure 17

Figure 18

7. INSTALLING THE PRIVACY SHIELD

The privacy shield of the T103 shows as figure 19. We need to tear the tap around the privacy shield (Figure 20), and please stick the privacy shield on around the 15-key keypad (Figure 21).

The terminal is compliant with PCI privacy screen design requirement when the detachable privacy shield is installed on the device. Any change to or removal of this privacy shield will cause security concerns.

Figure 19

Figure 20

Figure 21

Caution: When removing bottom cover for the purposes of cable or SAM card installation, remember to reinstallation the protective cover and make sure to keep it in place.

Caution: To reduce the risk of fire, use only No. 26 AWG or larger UL Listed or CSA Certified Telecommunication Line Cord.

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

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, T103, 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.
   - Visual shields designed into the check-stand.
   - 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.

E. 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

	Observation Corridors				
Method	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.

Caution: This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

***The following information is provided for xAPT103 WiFi.3G model.**

Caution: Use only shielded signal cables to connect I/O devices to this equipment. You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your 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.

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.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC 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. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

FCC REQUIREMENTS

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US: N7KMM01BT103WIFI3G. If requested, this number must be provided to the telephone company.
Applicable connector jack Universal Service Order Codes ("USOC") for the Equipment is RJ11C.
A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.
The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US: N7KMM01BT103WIFI3G. The digits represented by 01B are the REN without a decimal point (e.g., 03 is a REN of 0.3).
If this terminal causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service. If trouble is experienced with this terminal, for repair or warranty information, please contact

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