

# POSX

*POINT OF SALE SIMPLIFIED*



## ION TP5 Tablet

Mobile All-In-One Terminal

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User's Manual

v1

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## Safety

### IMPORTANT SAFETY INSTRUCTIONS

1. To disconnect the machine from the electrical power supply, turn off the power switch and remove the power cord plug from the wall socket. The wall socket must be easily accessible and in close proximity to the machine.
2. Read these instructions carefully. Save these instructions for future reference.
3. Follow all warnings and instructions marked on the product.
4. Do not use this product near water.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register or in a built-in installation unless proper ventilation is provided.
7. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.



This device complies with the requirements of the EEC directive 2004/108/EC with regard to “Electromagnetic compatibility” and 2006/95/EC “Low Voltage Directive”.



## FCC Radiation Exposure Statement

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

## FCC Statement

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.

## Caution!

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



## Safety Caution

Note: To comply with IEC60950-1 Clause 2.5 (limited power sources, L.P.S) related legislation, peripherals shall be 4.7.3.2 "Materials for fire enclosure" compliant.

### 4.7.3.2 Materials for fire enclosures

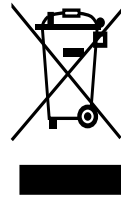
For MOVABLE EQUIPMENT having a total mass not exceeding 18kg, the material of a FIRE ENCLOSURE, in the thinnest significant wall thickness used, shall be of V-1 CLASS MATERIAL or shall pass the test of Clause A.2.

For MOVABLE EQUIPMENT having a total mass exceeding 18kg and for all STATIONARY EQUIPMENT, the material of a FIRE ENCLOSURE, in the thinnest significant wall thickness used, shall be of 5VB CLASS MATERIAL or shall pass the test of Clause A.1

This product should not be mixed with other commercial wastes for disposal.

## LEGISLATION AND WEEE SYMBOL

2012/19/EU Waste Electrical and Electronic Equipment Directive on the treatment, collection, recycling and disposal of electric and electronic devices and their components.



The crossed dust bin symbol on the device means that it should not be disposed of with other household wastes at the end of its working life. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract.

# Revision History

Changes to the original user manual are listed below:

Revision	Description	Date
1.0	<ul style="list-style-type: none"><li>Initial release</li></ul>	August, 2017

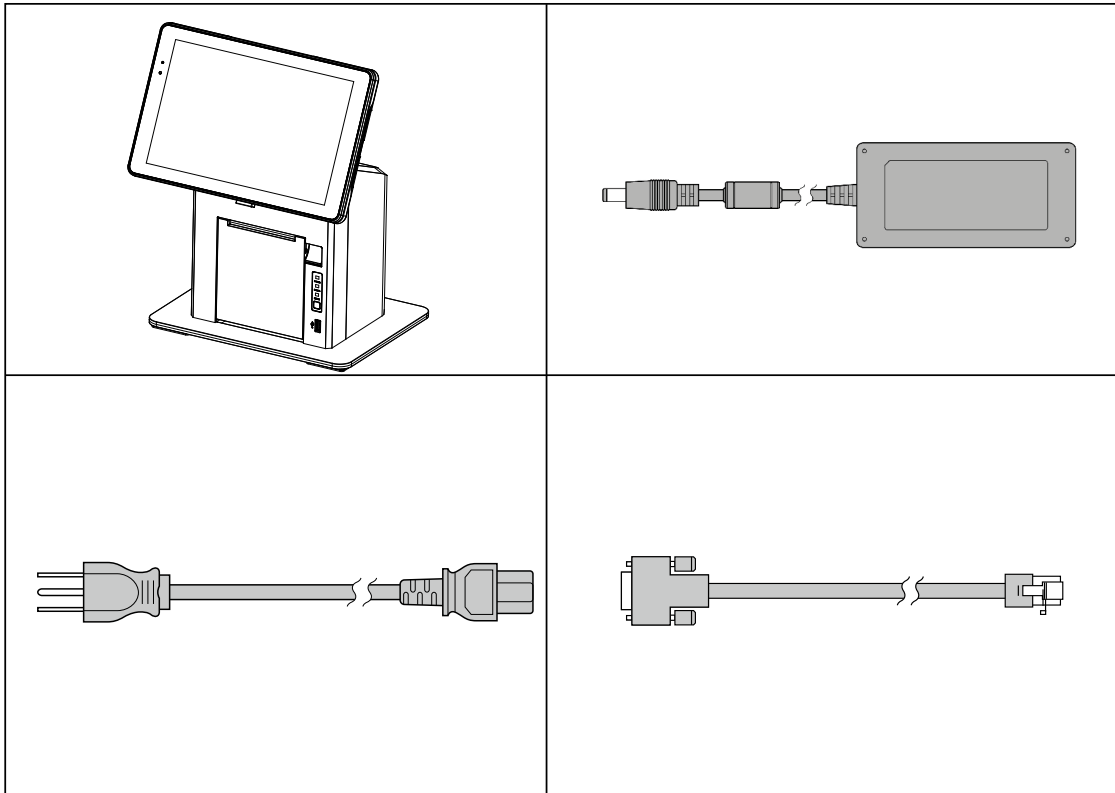
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# 1. Packing List

## 1-1. Standard Contents

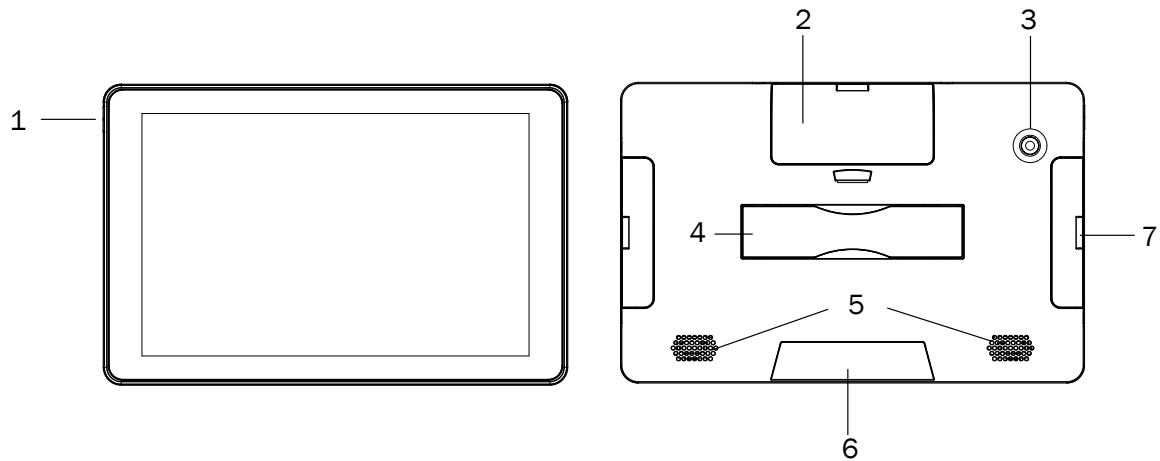


- a. ION-TP5 Tablet System
- b. Power adapter
- c. Power cord
- d. RJ45-DB9 cable (x2)



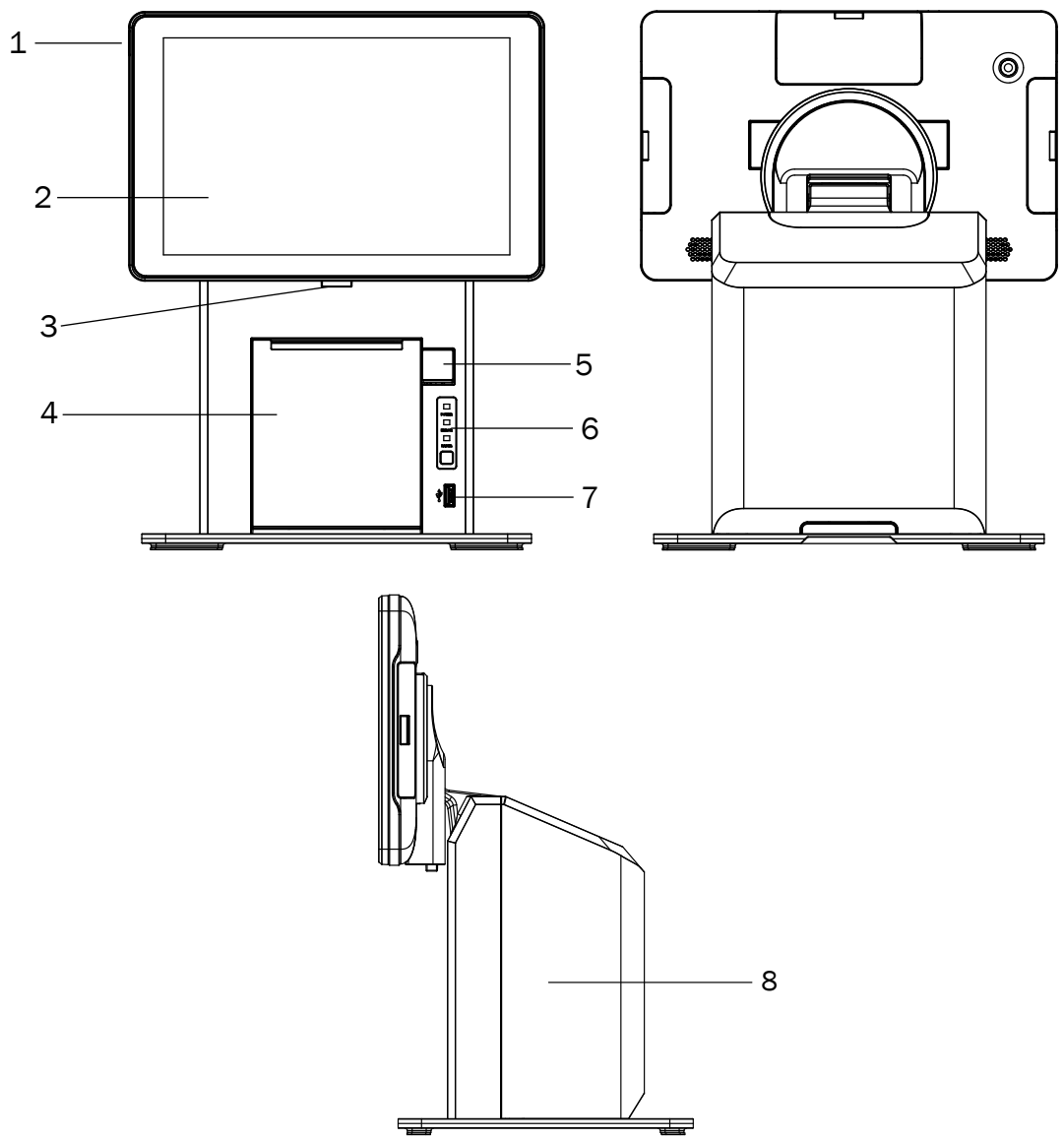
# 2. System View

## 2-1. Tablet



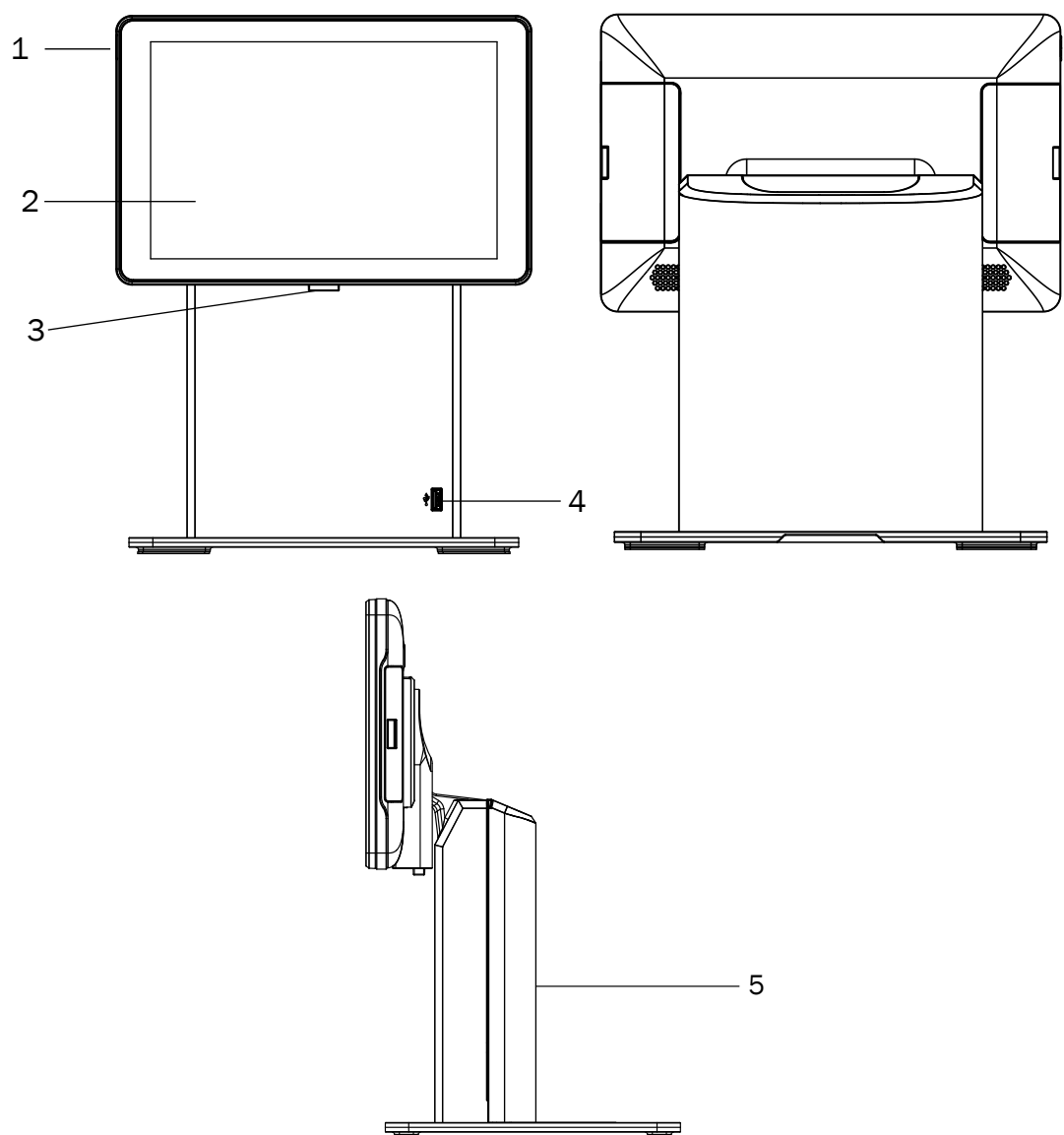
Item No.	Description
1	Power button
2	Top peripheral cover
3	Camera
4	Hand strap
5	Speakers
6	Base contacts
7	Side peripheral cover

# 2-2. Tablet with Printer Stand



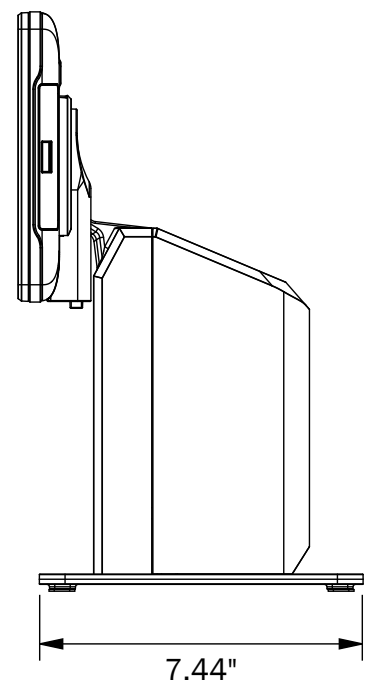
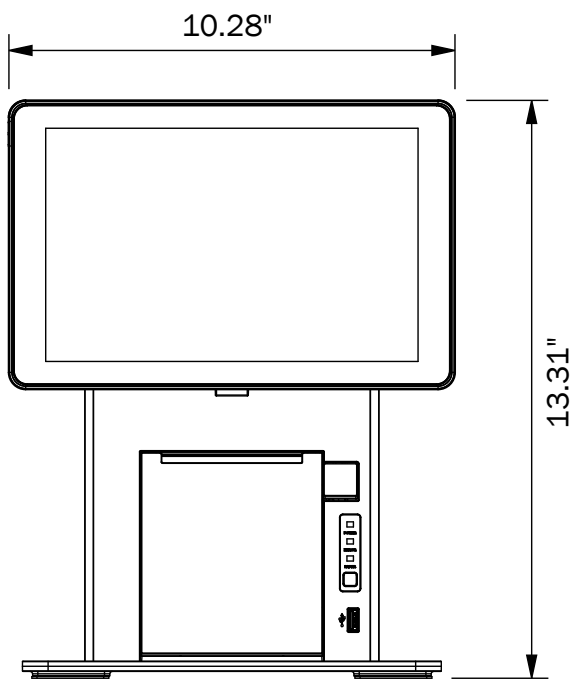
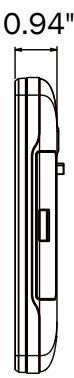
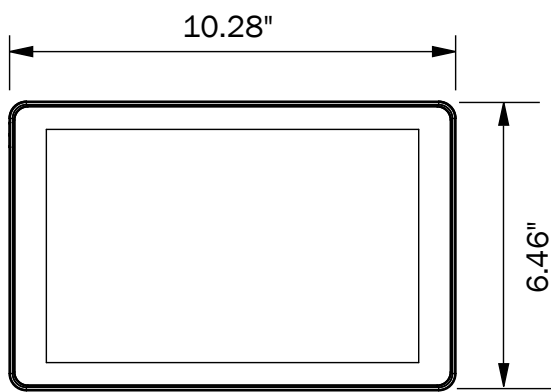
Item No.	Description
1	Power button
2	Tablet
3	Tablet release button
4	Thermal printer
5	Paper door button
6	Printer indicator (power, error, and paper) & Paper feed button
7	USB Port
8	Back cover (Ports and printer inside)

# 2-3. Tablet with Stand

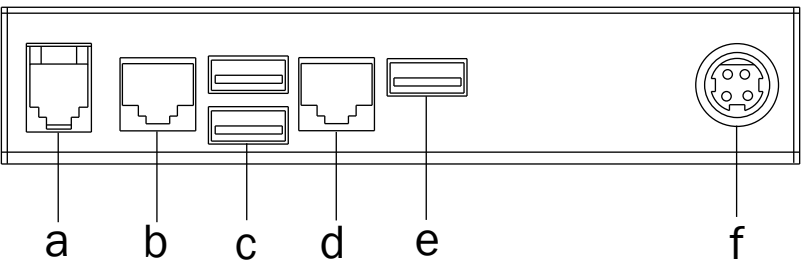


Item No.	Description
1	Power button
2	Tablet
3	Tablet release button
4	USB Port
5	Back cover (Ports inside)

# 2-4. Dimensions



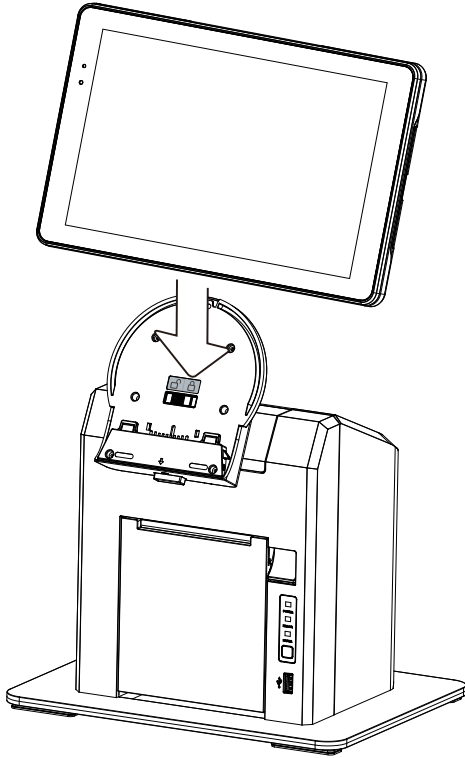
# 2-5. Port View



Item	Description
a	RJ11 Cash Drawer
b	RJ45 LAN
c	2x USB 2.0
d	RJ 45 COM
e	USB 2.0
f	19V DC Power in

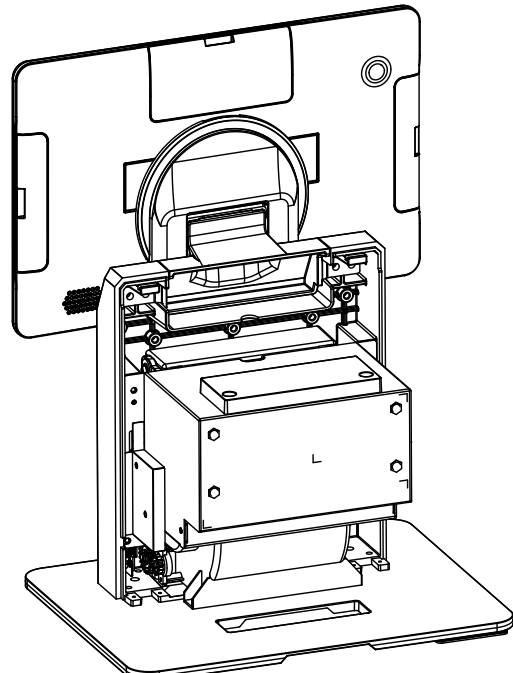
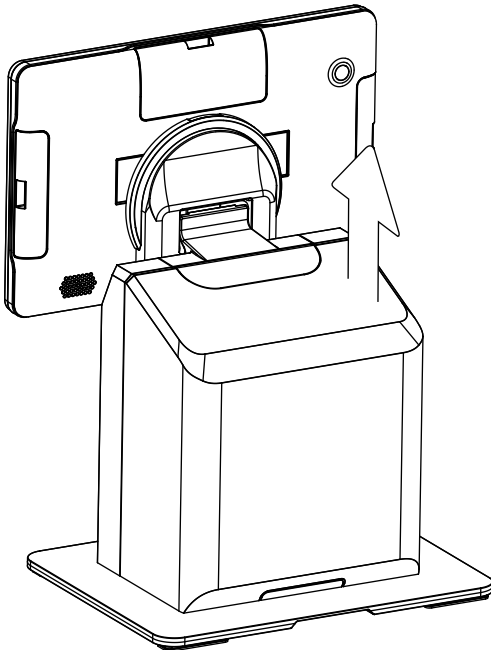
# 3. System Assembly & Disassembly

## 3-1. Install Tablet to Stand

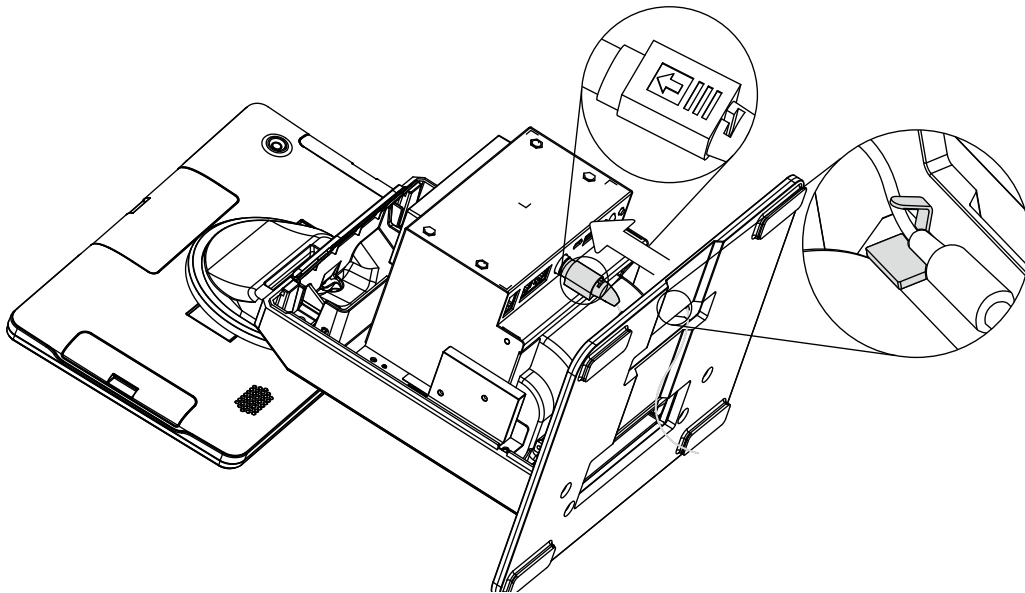


1. Slide the tablet into the stand as shown.

## 3-2. Connect the Power Adapter



1. Use both hands to pull the back cover of the system upward to remove the cover from the system.

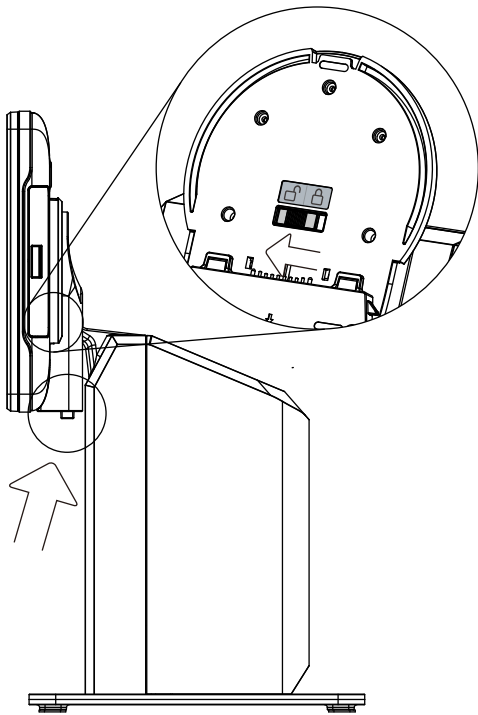


2. Place the system face down to access the bottom of the stand.
3. Thread the power adapter cable through the hole of the stand as shown in the picture.
4. The power connector is on the right side of the ports (refer to chapter 2-4 c.) and connect the power adapter to the green 19V in port.
5. Finally, secure the cable by using the hook as shown in the picture.

**Warning:**

- Please follow the directions to connect the adapter and make sure it is fully connected into the port.
- When attaching or detaching the cable, do so by holding the connector, not the cable itself.
- **DO NOT** pull or rotate the cable which may cause damage to the fitting.

### 3-3. Remove tablet from the stand



1. Push the release button on the printer stand and then pull the tablet upward to release it from the stand.

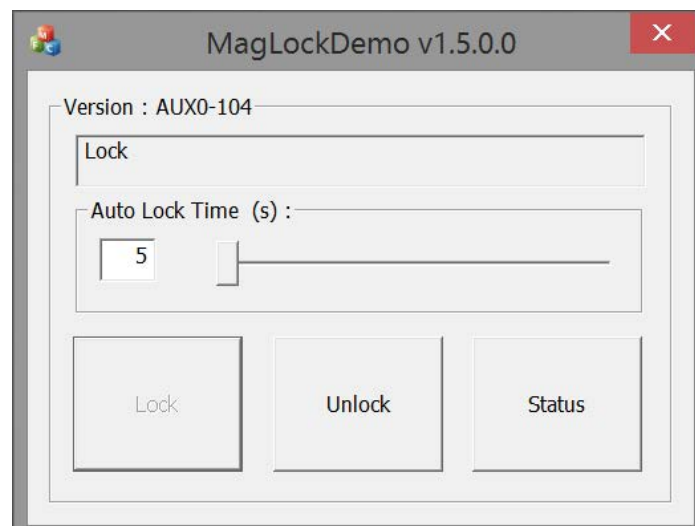
\* Please note you can only remove the tablet from the stand when the locking switch on the stand is in the "unlock" position. See the enlarged part for details.

**When the switch on the stand is in the “Lock” position, you can not use the release button to remove the tablet. Use the provided Maglock app to unlock the tablet. Please follow the below steps:**

1. From the Windows desktop double tap on the MagLock application.

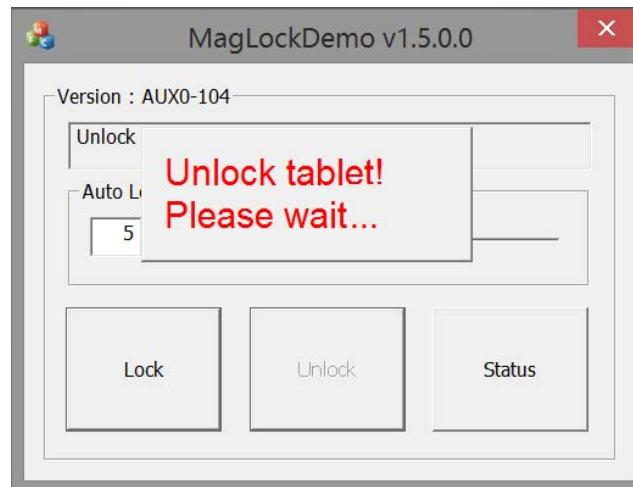


2. Tap the "Unlock" button.

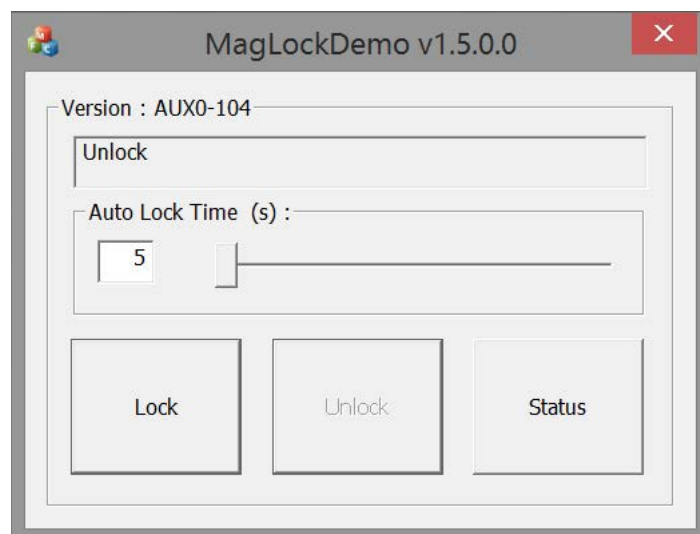




3. Wait a few seconds while the tablet unlocks.



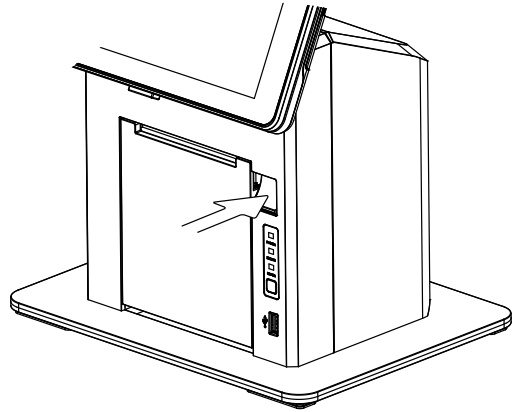
4. Once it says "Unlock", press the button on the base and remove the tablet.



## 3-4. Load the Thermal Printer Paper

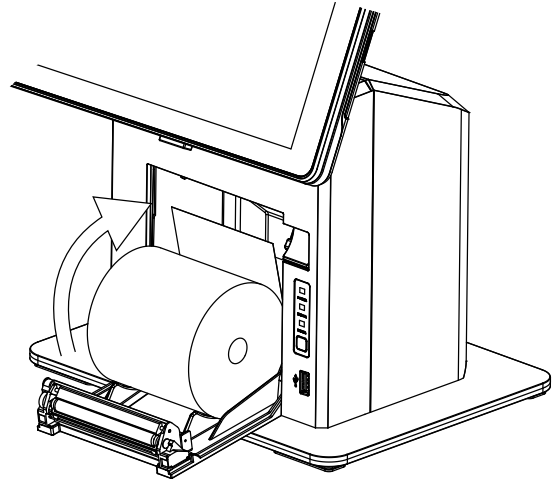
**Note: Do not switch off the system. The printer must be powered on when replacing the printer paper.**

1. Press the button on the right side to open the printer door.

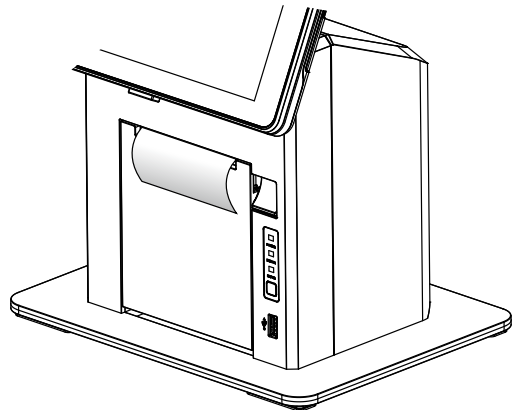


- \* Cut away the first inch of the paper, to obtain a straight edge and remove the label at the end of the roll.

2. Place the paper roll inside the printer slot, pull out a few inches of paper and then close the cover.



3. The paper will automatically feed through the printer (the system must be powered on).



# 4. Specifications

Model	ION-TP5M/N
CPU	Intel Atom Z3745 Quad Core up to 1.86GHz
System memory	4GB DDR3L RAM / 64GB Storage
<b>LCD touch panel</b>	
LCD size	10.1"
Maximal resolution	1280 x 800
Touch screen type	P-CAP 5 points Multi-touch
<b>Wireless communication</b>	
Wireless LAN	802.11 a/b/g/n , 2.4G / 5GHz
Bluetooth	4.0+LE (Class 2, 10 meters)
<b>Stand Connection</b>	
DC input	8 pin
<b>Audio</b>	
Built in speaker	1W x 2
<b>Battery &amp; Power</b>	
Battery	3800 mAh, 3.6V, 13.6 Wh, 4hr Battery life
Power adapter	90W/19V
<b>Control / Indicator</b>	
Power button	1
Sensor	G-sensor
LED Indicator	1 (Battery status indicator)
<b>Peripherals</b>	
Rear Camera	5MP
Built-in hand strap	1
EMV certified module	MSR/EMV Combo Module (Option)
<b>Stand</b>	
Ports	4xUSB, 1xRJ45 COM, 1xRJ45 LAN, 1xRJ11 Cash Drawer
Printer (Optional)	160mm/sec, ESC/POS Compatible, 62 Miles TPH Life
<b>Environment</b>	
Sealing	IP54 (Display side)
EMC & Safety	FCC Class B / CE Mark / LVD / SAR
Operating temperature	32 °F - 95 °F (charging) 32 °F ~ 104 °F(non-charging)
Storage temperature	14 °F ~ 114 °F
Humidity	20% ~ 85% RH non condensing
ESD	Tablet: 8kV Contact discharge 15kV Air discharge Docking station: 4kV Contact discharge, 8kV Air discharge
Dimension (w/base)	10.3" x 6.7" x 0.94" / (10.3" x 7.8" x 13.3")
Weight ( w/base)	1.8 Lbs / (8.6 Lbs)
OS support	Window 8.1 / Windows 10

# 5. Jumper Settings

## Cash Drawer Power Setting

Function	JP2
+12V	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> </div>
▲ +24V	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> </div>

## COM Power Setting

Function	JP3
▲ +0V	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> </div>
+5V	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> </div>
+12V	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> </div>

▲ = Manufacturer Default Setting

1

2

 Jumper open    
 

1

2

 Jumper short