

**RT-5015E/5016E/5115E/5116E**  
**Fanless Touch POS Terminal**  
**User Manual**

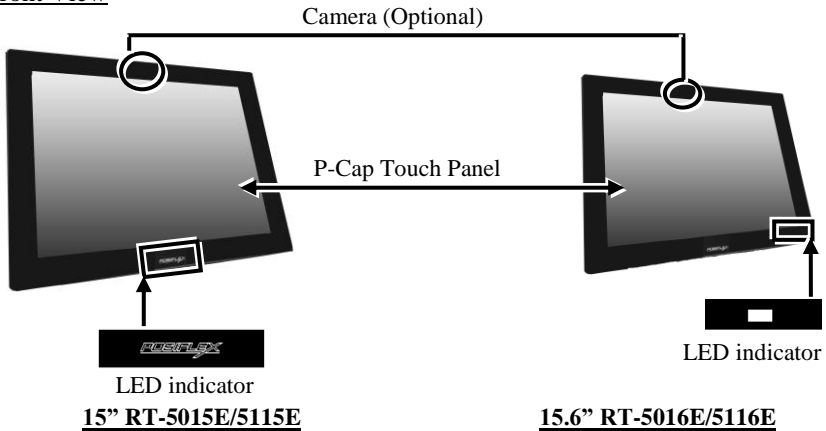


**Package Contents**

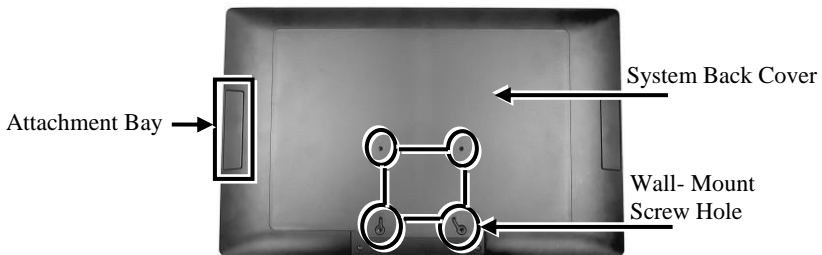
- ✓ RT-5015E 15" fanless touch terminal or  
 RT-5016E 15.6" fanless touch terminal or  
 RT-5115E 15" fanless touch terminal or  
 RT-5116E 15.6" fanless touch terminal.....x1
- ✓ Power adapter.....x1
- ✓ Power cord.....x1
- ✓ User manual.....x1
- ✓ Screw for back cover.....x1

**Views of RT-5015E/5016E/5115E/5116E**

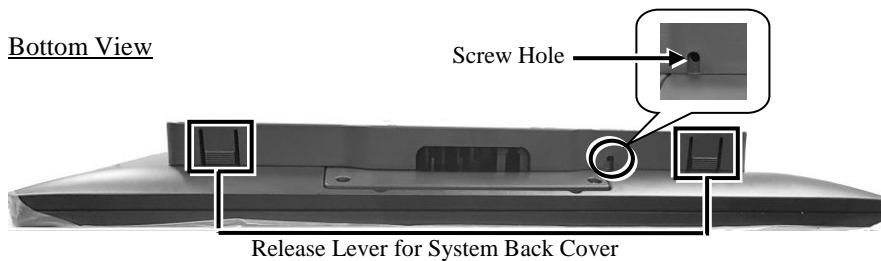
Front View



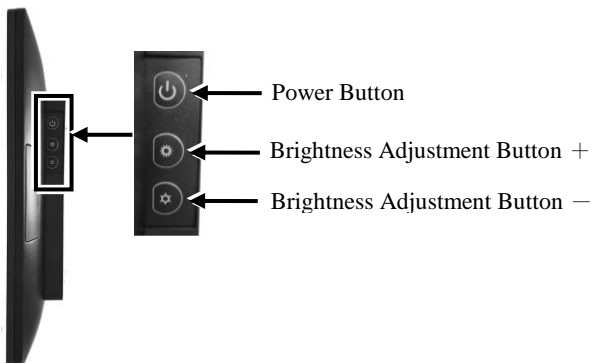
Rear View



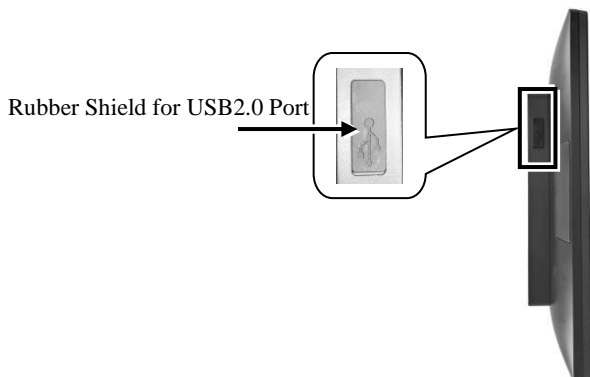
Bottom View



Right-Side View

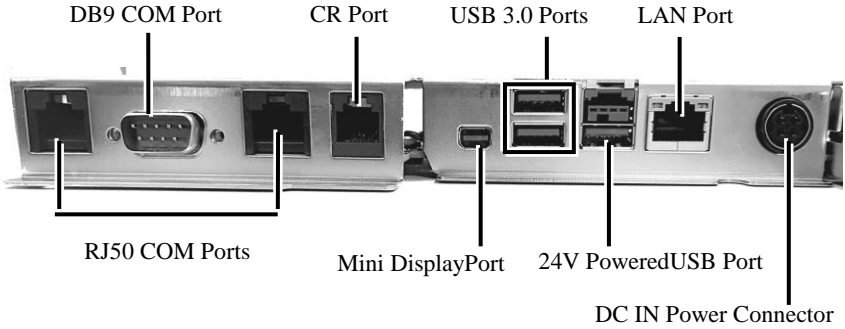


Left-Side View



# View of I/O Interface of RT-5015E/5016E/5115E/5116E

## Bottom Side



## Left Side



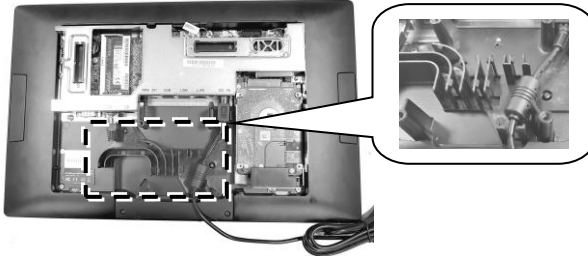
## **Connecting Power Adapter and Cables**

The following provides instructions required to connect your cables.

1. To remove the back cover, hold down the release levers at the bottom of the system back cover and then pulling the cover outwards.
2. Connect the connector of the power adapter to the DC-IN power jack. If necessary, properly insert other cables into the correct ports.



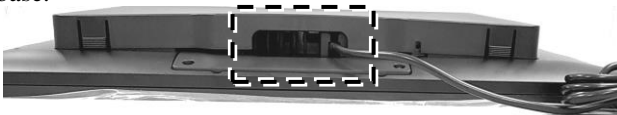
3. Neatly arrange the cables along the cable slots.



4. Place back the system back cover. Make sure it is well locked into place with a click sound.



5. Make sure the cable could be pulled out of the cable exit from the bottom of the base.



6. Please insert another screw into the screw hole indicated in the figure, and secure it.



### **Installing Optional Upgrade Kits and Peripherals**

RT-5015E/5016E/5115E/5116E is an expandable model which allows you to upgrade its own capacity by additionally installing multiple peripheral devices, such as magnetic stripe reader (MSR), fingerprint or iButton sensors, and 2<sup>nd</sup> POS monitor, according to your preference. The following will give you brief instructions on how to expand on your current POS system with these optional upgrade kits. Before proceeding with the installation of peripherals, please make sure the POS system is completely shut down to prevent damage.

## Status LED Indicator

LED status indicator, which is located at the bottom edge of the LCD panel, is mainly responsible for notifying users of the current system status by emitting various LED signals. In the chart provided below, it describes all the possible LED status as a quick reference.

### 15" RT-5015E/5115E

LED Status	Description
Off	System power OFF
Green	System standby
Blue	System power ON

### 15.6" RT-5016E/5116E

LED Status	Description
Off	System power OFF
Orange	System standby
Blue	System power ON

## Powering ON/OFF RT-5015E/5016E/5115E/5116E

### Power ON RT-5015E/5016E/5115E/5116E

Press down the power button to power on the POS.

### Power OFF RT-5015E/5016E/5115E/5116E

In most cases, press the power button of the POS to power the system off. If the terminal fails to turn off the machine for unknown reasons, please be advised to hold the power button more than 10 seconds to force a shutdown of the system.



## Installing an Operating System

You are highly advised not to install an operating system on RT-5015E/5016E/5115E/5116E without professional instructions. Improper installation could lead to system malfunction or failure. Please contact with your dealers about the issues of operating system installation.

## **Performing System Recovery**

For RT-5015E/5016E/5115E/5116E model with preloaded operating systems, Recovery DVD which includes useful utilities will be provided in the package to assist you in efficiently restoring or repairing your damaged system.

However, you are not encouraged to recover your system without the help of system integrators. Please be advised to contact your service center for further assistance with system recovery.

## **Operation Environment**

To prevent RT-5015E/5016E/5115E/5116E from overheating, it is suggested to position your terminal in a well-ventilated working environment. In doing so, please be advised to keep the POS terminal at least 25mm away from other devices to ensure the machine is properly cooled down and functioning normally.

## Specifications

### RT-5015E/5016E

	<b>RT-5015E</b>	<b>RT-5016E</b>
<b>CPU</b>	Intel Skylake-U CPU: Core i3-6100U	
<b>System Memory</b>	DDR4 SO-DIMM x 2	
<b>Storage Device</b>	SATA Storage x 2	
<b>Power Supply</b>	12V / 150W	
<b>LCD Panel</b>	15" TFT LCD with LED backlight	15.6" TFT LCD with LED backlight
<b>LCD Resolution</b>	1024 x 768	1920 x 1080
<b>Touch Sensor</b>	P-CAP touch	
<b>Serial Port</b>	3 ports, DB9 x 1+ RJ-50 x 2	
<b>USB Port</b>	3 ports, USB3.0 x 2+ USB2.0 x 1	
<b>PoweredUSB Port</b>	24V PoweredUSB port x 1	
<b>LAN Port</b>	10/100/1000 Mb x 1	
<b>Display Port</b>	1 x Mini DP port (on I/O plate)	
<b>CR Port</b>	1 port, controlling 2 CR	
<b>Audio Port</b>	Internal 2W speaker x 1	
<b>Extension Slot</b>	M.2 slot x 1	
<b>vPro</b>	N/A	
<b>TPM</b>	N/A	
<b>RAID</b>	N/A	
<b>Dimension (W x V x D in mm)</b>	368 x 292 x 46.6	402 x 251 x 41.2
<b>Environmental Requirements</b>	Operating : 0°C ~ 40°C, 20%RH - 90%RH (with HDD) 0°C ~ 50°C, 20%RH - 90%RH (with SSD) Storage : -20°C ~ 70°C, 10%RH - 90%RH	
<b>Regulation Rules</b>	FCC/CE	

<b>Attachment</b>	
<b>RA-101</b>	Slim MSR attachment for RT series
<b>RA-103</b>	iButton (or RFID) with one USB port attachment for RT series
<b>RA-104</b>	2D scanner attachment for RT series
<b>RA-301</b>	3-in-1 MSR + Fingerprint Sensor + 2D scanner attachment for RT series
<b>LM/TM-4010DP</b>	9.7" 2nd display for RT series terminal
<b>LM/TM-4011DP</b>	10.1" 2nd display for RT series terminal



**RT-5115E/5116E**

	<b>RT-5115E</b>	<b>RT-5116E</b>
<b>CPU</b>	Intel Skylake-U CPU: Core i5-6300U	
<b>System Memory</b>	DDR4 SO-DIMM x 2, max. 16GB	
<b>Storage Device</b>	SATA Storage x 2	
<b>Power Supply</b>	12V / 150W	
<b>LCD Panel</b>	15" TFT LCD with LED backlight	15.6" TFT LCD with LED backlight
<b>LCD Resolution</b>	1024 x 768	1920 x 1080
<b>Touch Sensor</b>	P-CAP touch	
<b>Serial Port</b>	3 ports, DB9 x 1+ RJ-50 x 2	
<b>USB Port</b>	3 ports, USB3.0 x 2+ USB2.0 x 1	
<b>PoweredUSB Port</b>	24V PoweredUSB port x 1	
<b>LAN Port</b>	10/100/1000 Mb x 1	
<b>Display Port</b>	1 x Mini DP port (on I/O plate)	
<b>CR Port</b>	1 port, controlling 2 CR	
<b>Audio Port</b>	Internal 2W speaker x 1	
<b>Extension Slot</b>	M.2 slot x 1	
<b>vPro</b>	Yes	
<b>TPM</b>	Yes	
<b>RAID</b>	Yes	
<b>Dimension (W x V x D in mm)</b>	368 x 292 x 46.6	402 x 251 x 41.2
<b>Environmental Requirements</b>	Operating : 0°C ~ 40°C, 20%RH - 90%RH (with HDD) 0°C ~ 50°C, 20%RH - 90%RH (with SSD) Storage : -20°C ~ 70°C, 10%RH - 90%RH	
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**※ The product information and specifications are subject to change without prior notice. To get the detailed information on the RT-5015E/5016E/5115E/5116E, please check this model from Posiflex Global Website.**

**CAUTION  
RISK OF EXPLOSION IF BATTERY IS REPLACED  
BY AN INCORRECT TYPE  
DISPOSE OF USED BATTERIES ACCORDING  
TO THE INSTRUCTIONS**

**警告**

本電池如果更換不正確會有爆炸的危險  
請依製造商說明書處理用過之電池

**POSIFLEX**



**T31454  
RoHS**

**警告使用者**

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

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