

**XT-3815/3915/3915IR**  
**Fanless LCD Touch Terminal**  
**User Manual**



**Package Contents**

- ✓ Terminal with base stand.....x1
- ✓ 60W power adaptor.....x1
- ✓ Power cord.....x1
- ✓ Screw for IO cable cover.....x2
- ✓ User manual.....x1
- ✓ Recovery or information CD.....x1

**Product Features**

Standard Features

**System**

- Intel Bay Trail-D J1900 2.0G up to 2.42G, 2M Cache, 4 core

**Mechanical Structure**

- Fanless structure with Aluminum die-cast main unit casing
- Water resistant structure allowing easy cleaning
- Foldable base

**Display**

- High-quality 15" TFT active matrix LCD monitor provided with true-flat Projected Capacitive touch panel supporting 10-point multi-touch for 3815, with resistive touch panel for XT-3915, and with Infrared touch panel for XT-3915IR

## Optional Items

### **System**

- DDR3L SODIMM memory expansions up to 8GB (Max.) for XT-3815/3915/3915IR (J1900) in one SODIMM
- Preload Windows POSReady 7 / Win 7 / Windows Embedded 8.1 Industry / Linux per request

### **WIFI**

- Wireless LAN module, through Mini PCI-E Interface

### **Connection Cable**

- Parallel extension cable
- RJ50-to-DB9 serial port conversion cable
- Split cable for 2 cash drawer control

### **Base**

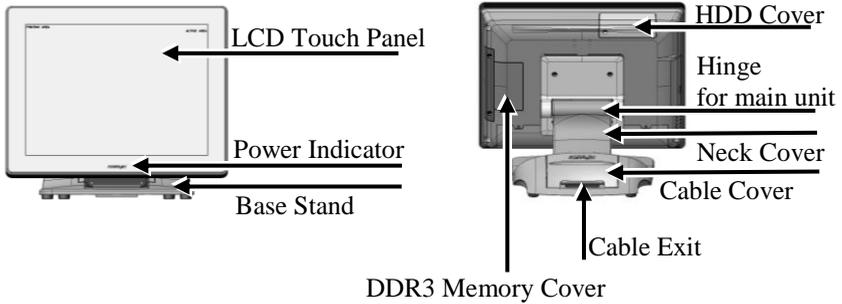
- GEN 8E base including UPS battery and poweredUSB board, and supporting 60W/80W/150W power adaptor

### **Integration Kit**

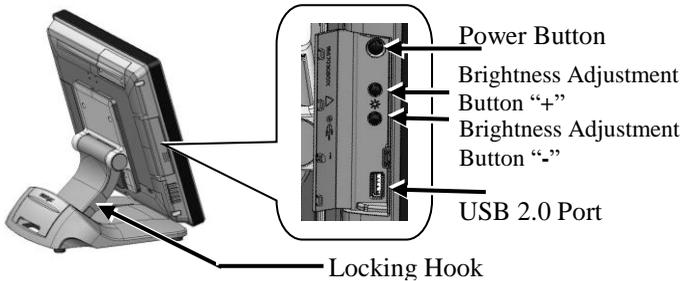
- Integrated side mount upgrade kits, such as SA-105 provided with optional MSR, SA-205 provided with iButton, SA-305, and SA-405
- 1" SATA SSD
- PoweredUSB kit in GEN 8E base stand, such as PU-480 or PU-490
- Power adapter kits for 80W/150W power adapters
- Back mount displays, such as LM/TM-3010/3014 and PD-6307

# Views of the XT-3815/3915/3915IR

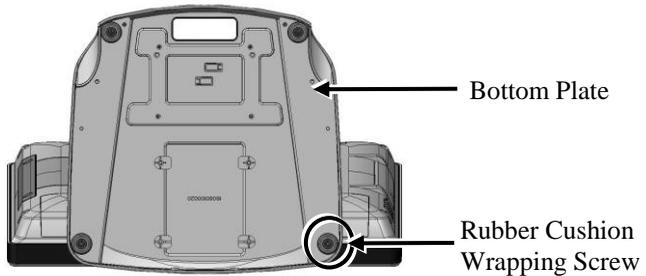
## Front and Rear Views of Terminal with Gen 7E Base Stand



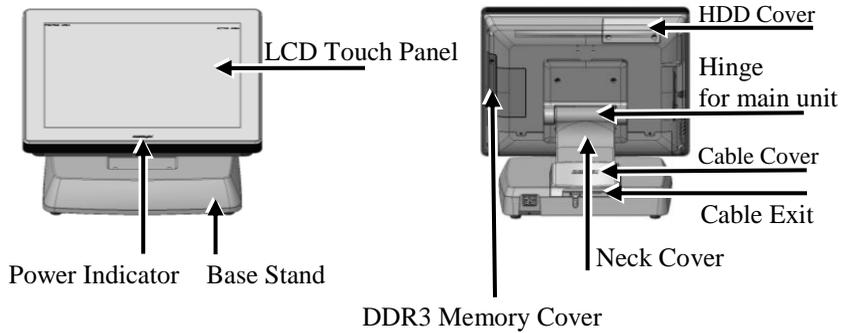
## Left Side View of Terminal with Gen 7E Base Stand



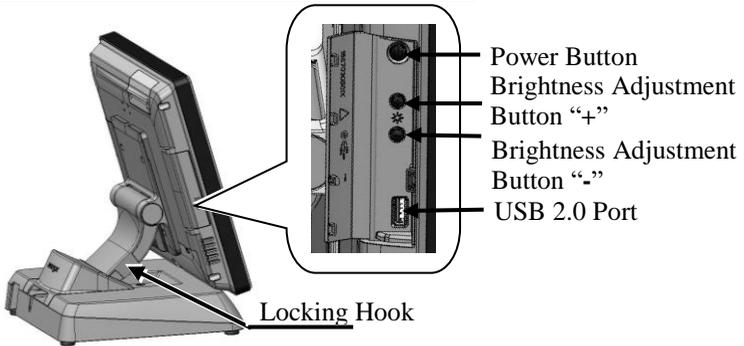
## Bottom View of Terminal with GEN 7E Base Stand



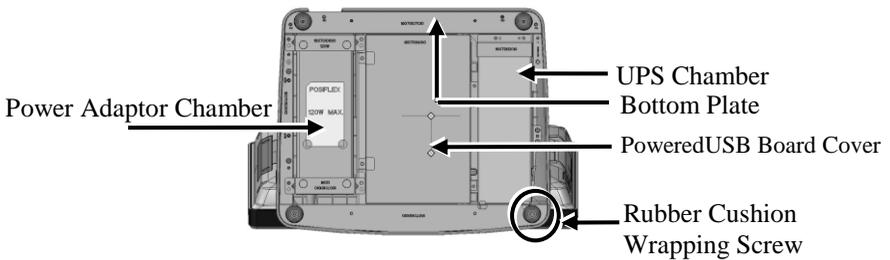
Front and Rear Views of Terminal with GEN 8E Base Stand



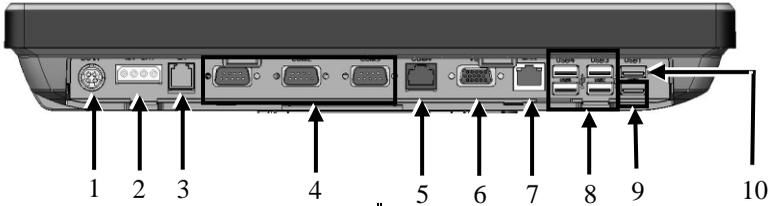
Left Side View of Terminal with GEN 8E Base Stand



Bottom View of Terminal with GEN 8E Base Stand



Views of I/O Interfaces of Terminal



- |                    |                 |
|--------------------|-----------------|
| 1 DC-IN Power Jack | 6 VGA Port      |
| 2 UPS Port         | 7 LAN Port      |
| 3 CR Port          | 8 USB 2.0 Port  |
| 4 DB9 COM Port     | 9 USB 2.0 Port  |
| 5 RJ50 COM Port    | 10 USB 3.0 Port |

**Positioning your POS for a Perfect Viewing Angle**

The adjustable bases designed for XT-3815/3915/3915IR come in two models, Gen 7E/8E, and allow you to determine an ideal position for your terminal by using its unique tilt adjustment mechanism. As the below figures suggest, both bases provide three standard positioning solutions for your terminal: **Flat** **Folded mode**, **Low Profile mode**, and **Full Extended mode**.

**XT-3815/3915/3915IR with Gen 7E Base**



Flat Folded mode

Low Profile mode

Full Extended mode

**XT-3815/3915/3915IR with Gen 8E Base**



Flat Folded mode

Low Profile mode

Full Extended mode

In general, XT-3815/3915/3915IR will be set up beforehand in **Flat Folded** mode and then packaged into the box for shipping. After it is unpacked, you may re-adjust the terminal in either **Low Profile** mode or **Full Extended** mode according to your situation. Below will provide instructions on how to adjust the specific base connected to the POS system. As a reminder, please be careful not to touch the LCD panel while setting up the tilt angle.

#### XT-3815/3915/3915IR with Gen 7E Base

Please refer to the following instructions on how to switch among different positioning modes to find an ideal viewing angle for XT-3815/3915/3915IR with Gen 7E base.

1. Unpack XT-3815/3915/3915IR, which is supposed to be set in flat folded mode, out of the package box and then lay your POS system on a flat surface.

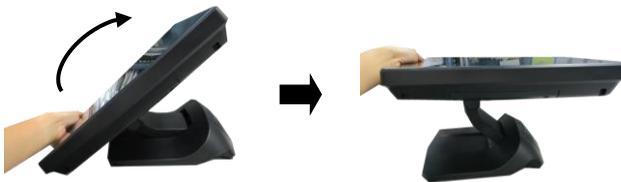


2. Steady the base with one hand, and then tilt the screen downwards.



3. Position your terminal in **Full Extended mode**

- 3.1 After grabbing the bottom edge of the screen with your hand, gently move the screen upward until the screen is locked into place with a click sound.



- 3.2 Support the screen with one hand holding onto its bottom edge. Then, while pulling the lever backwards, move the display upwards until the lever is snapped into the lower hook to raise the screen as shown in the below figure.



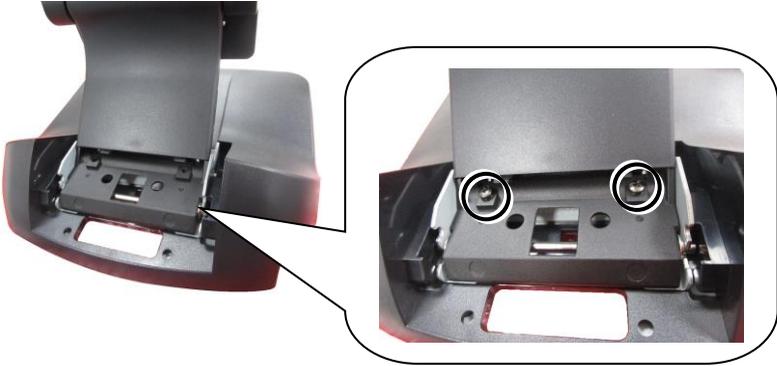
- 3.3 With the screen facing toward you, tilt the screen up or down to your desired angle. Please do not press on the LCD panel while setting up the tilt angle.



- 3.4 Remove the cable cover from the base.



3.5 Fix the base with two #/6/32-14L screws.

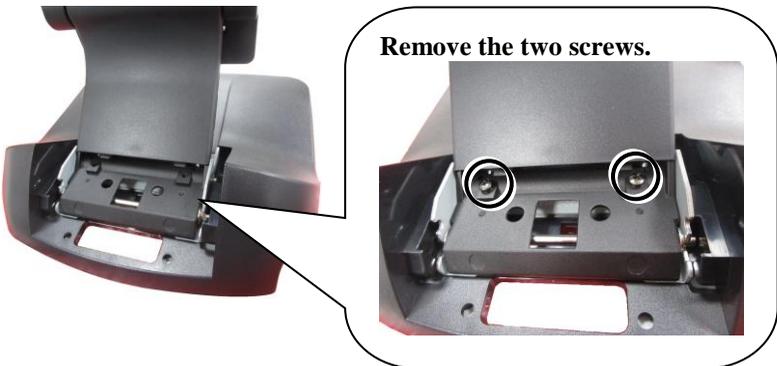


4. Return your terminal back to **Flat Folded mode** from **Full Extended mode**.

4.1 Remove the cable cover from the base.



4.2 Remove the two screws from the base.



4.3 Tilt your screen in a horizontal position.



4.4 Support the screen with one hand holding onto its bottom edge. While pulling the lever backwards, move the display downwards until the lever is lifted off the hook as shown in the figure.



4.5 Push the cable cover back.



4.6 Tilt the screen again to the horizontal position.



5. Position the terminal in **Low Profile mode**.

5.1 Follow Step 4 to set up the terminal in Flat Folded mode.



5.2 Tilt the screen all the way down



5.3 To tilt screen up or down to your desired angle, please be advised to keep the base steady with one hand to do so. Do NOT press on the LCD panel while setting up the tilt angle.



XT-3815/3915/3915IR with Gen 8E Base

Please refer to the following instructions on how to switch among different positioning modes to find an ideal viewing angle for XT-3815/3915/3915IR with Gen 8E base.

1. Unpack XT-3815/3915/3915IR, which is supposed to be set in flat folded mode, out of the package box and then lay your POS system on a flat surface.



2. While steadying the terminal with your hand holding onto the base, tilt the screen down.

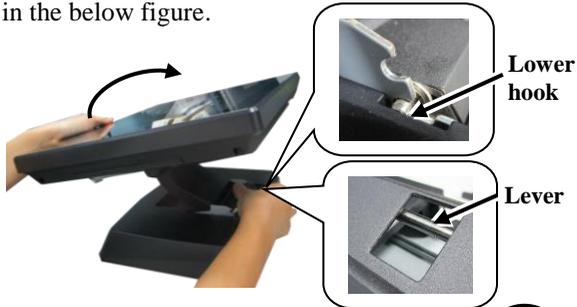


3. Push the cable cover outwards to remove it from the base.



4. Position your terminal in **Full Extended mode**.

- 4.1 Support the screen with one hand holding onto its bottom edge. Then, while pulling the lever backwards, move the display upwards until the lever is snapped into the lower hook to raise the screen as shown in the below figure.



- 4.2 Tilt the screen up or down to your desired angle. Please do not press on the LCD panel while setting up the tilt angle.



4.3 Fix the base with two #/6/32-14L screws.

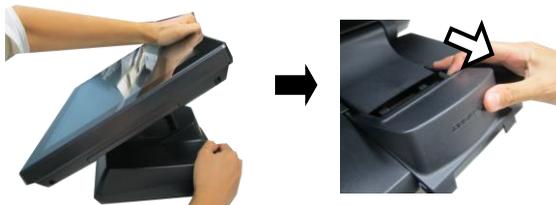


4.4 Push the cable cover back.

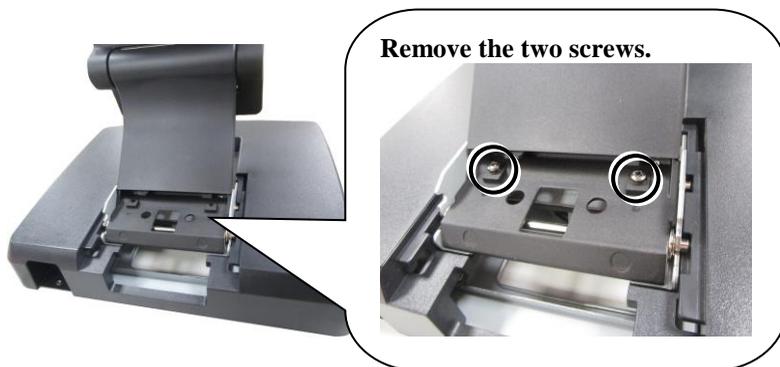


5. Position the terminal in **Low Profile mode**.

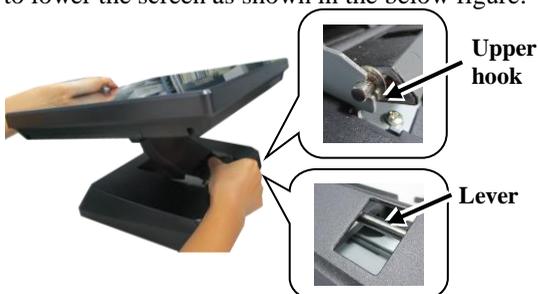
5.1 While keeping your terminal steady with your hand holding on to the base, tilt your terminal down. Then, remove the cable cover from the base.



5.2 Remove the two screws from the base.



5.3 Support the screen with one hand holding onto its bottom edge. Then, while pulling the lever backwards, move the display upwards or downwards until the lever is snapped into the upper hook to lower the screen as shown in the below figure.



5.4 Push the cable cover back.

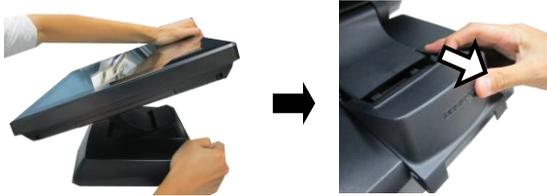


5.5 Tilt the screen up or down to your desired angle. Please do not press on the LCD panel while setting up the tilt angle.

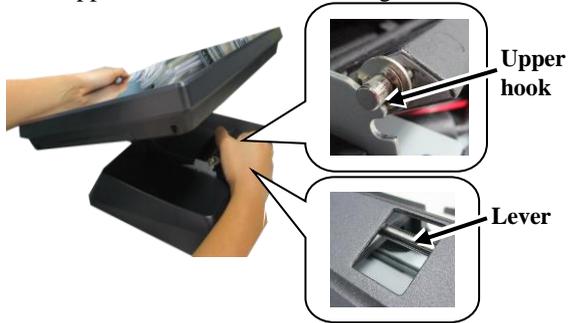


6. Return the terminal back to **Flat Folded mode**.

- 6.1 While steadying your terminal with your hand holding onto the base, tilt your screen up.



- 6.2 Support the screen with one hand holding onto its bottom edge. While pulling the lever backwards, release the lever back to the point above the upper hook as shown in the figure.



- 6.3 Push the cable cover back.



- 6.4 Tilt the screen to the horizontal position.



## Installing Power Adapter Kit onto GEN 8E Base Stand

The power adapter kit is optional and, before shipping, is installed onto the optional GEN 8E base stand. Upon your needs, you can purchase and install the kit for 80W or 150W power adapter. The introduction to the kit and the brief description of installation of the kit are made below.

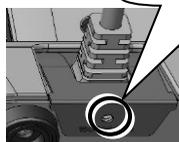
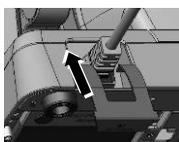
For the detailed description of installation of the 80W/150W power adapter kit, refer to the XT-3815/3915/3915IR technical manual.

### Secure the Power Cord

To avoid the power cord from being pulled out accidentally, the power adapter kits are shipped with a power cord bracket.



After installing the power adapter kit and connecting the power cord to the power adapter, remember to use the power cord bracket to secure the power cord.



## Connecting Power Cable Connector to the Terminal

Before turning ON the terminal, connect the power cable connector to the power jack of the terminal.



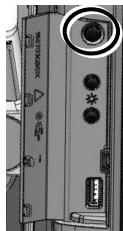
**CAUTION:** Before connecting the power cable to the power jack of main unit, do NOT touch any metal pin of the connectors or circuits to avoid high voltage hazard or electrostatic discharge damage.

## Powering ON the XT-3815/3915/3915IR

After connecting the power cable to the power jack of main unit, slightly push to open the power button cover at the left side of the main unit.



Then press the power button to power on the main unit. To power it off, press the button again.



Once powering off the system, if you want to power it on again, please wait for at least 3 seconds.

If the system hangs due to a reason, such as software resource conflict, please press and hold the power button for 10 seconds around to forcedly shut down the system.

## Power Indicator

There is a power LED indicator serving for several purposes located at the center of lower rim of LCD panel. The relationship between the indicator status and other conditions is summarized below:



Indicator Status	System Status	External Power	UPS Battery	Powering Up
Off	Off	Off	Not present	Not possible
Off	Off	Off	Present	Not allowed
Green	Off	On	No influence	Allowed
Blue	On	On	No influence	N/A
Blue/Flash	On	Off	Activated	
Green/Rapid Flash	On	Off	Battery low	

## Installing an Operating System

This product is highly professional equipment. Therefore, we do NOT encourage you to install any operating system into this machine. Posiflex Technology, Inc. shall not be responsible for any technical support to questions on this aspect. We suggest that you contact your dealer for OS installation.

## Specifications

	<b>XT-3815/3915/3915IR</b>
CPU	Intel Bay Trail-D J1900 2.0G up to 2.42G, 2M Cache, 4 core
Memory	DDR3L 1333 FSB, SO-DIMM socket *1, 8G (Max.)
OS	POSReady 7 / Win 7 / Windows Embedded 8.1 Industry / Linux per request
Display	XT-3815: 15-inch TFT LCD monitor (1024x768) with true-flat pc touch panel XT-3915: 15-inch TFT LCD monitor (1024x768) with resistive touch panel XT-3915IR: 15-inch TFT LCD monitor (1024x768) with infrared touch panel
Storage	SATA storage x 2 (one for 2.5" HDD/SSD and the other for 1" SSD only), or optional eMMC module x 1
Ethernet	10/100/1000 Mb x 1 port
WLAN	Optional, through mini PCI-E interface
Power Supply	12 VDC power adaptor, 60W / optional UPS battery (2300mAh/12V)
Serial port	RJ-45 X 1, DB9 X 3, RJ-50-to-DB9 cable (Optional)
Parallel port	proprietary port connector in jumper setting window (by specially optional conversion cable)
CR Port	1 port, available for controlling 2 CR.
USB Port	Standard, 6 ports on the I/O plate (USB 2.0 X 5, USB3.0 X 1), 1 port on the left side (USB2.0), 3 USB headers reserved for internal USB device use
PS/2 KB Port	Pin header on back window
Audio	Built-in 2W audio speaker
Extension slot	Mini PCI-E slot, with USB signal
Power-Off Control	Hardware button or by software control
Power Switch	Soft switch
Power-ON Wake-Up	Through alarm or LAN
Mechanical installation	Desktop or wall mount
Power LED Indicator	Power ON/ standby, bi-color LED indicators
Temp & Humidity	Operation Temp.: 0 to 40 °C / Storage Temp.: 20 to 85°C Humidity: 10 to 90 %; 5 to 90 % (operation condition)

※ *The product information and specification are subject to change without prior notice. To get the detailed information on XT-3815/3915/3915IR, please check this model from Posiflex Global Website (<http://www.posiflex.com/en-global/Download/download>).*

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