

TM/LM-5011LC/PC
POS Monitor
User Manual



Package Contents

- ✓ 10.1" TM/LM-5011LC or TM/LM-5011PC POS Monitor.....(x 1)
- ✓ Type-C Cable.....(x 1)
- ✓ Mounting Kits(x 1)

Revision History

Date	Version	Description
2024/09/16	A0	For Preliminary Release
2024/12/27	B0	Add some instructions for POS terminal BT-2015 and BT-2016 on P.12 Add installation guide for installing TM/LM-5011LC or TM/LM-5011PC onto GT series POS terminal
2025/03/03	C0	Add some precautions when installing the TM/LM-5011LC or TM/LM-5011PC to the GT series POS terminal
2025/08/06	D0	New design for type-C cable clamp. Change some photos.

FCC NOTES

This system meets industry & government requirements and applicable standards. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with limits for a Class A digital device pursuant to subpart B of Part 15 of FCC Rules, which are designed to provide reasonable protection against interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures to correct the interference.

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.

CE CLASS A WARNING

This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

AVERTISSEMENT CE CLASSE A

Cet équipement est conforme à la classe A de CISPR 32. Dans un environnement résidentiel, cet équipement peut provoquer des interférences radio.

WARRANTY LIMITS

Warranty will terminate automatically when the machine is opened by any person other than the authorized technicians. The user should consult his/her dealer for the problem happening. Warranty voids if the user does not follow the instructions in application of this merchandise. The manufacturer is by no means responsible for any damage or hazard caused by improper application.

LIMITES DE GARANTIE

La garantie prend fin automatiquement lorsque la machine est ouverte par une personne autre que les techniciens autorisés. L'utilisateur doit consulter son revendeur pour le problème qui se produit. La garantie s'annule si l'utilisateur ne suit pas les instructions d'application de cette marchandise. Le fabricant n'est en aucun cas responsable de tout dommage ou danger causé par une mauvaise application.

警告

為避免電磁干擾，本產品不應安裝或使用於住宅環境。

SAFETY INSTRUCTIONS

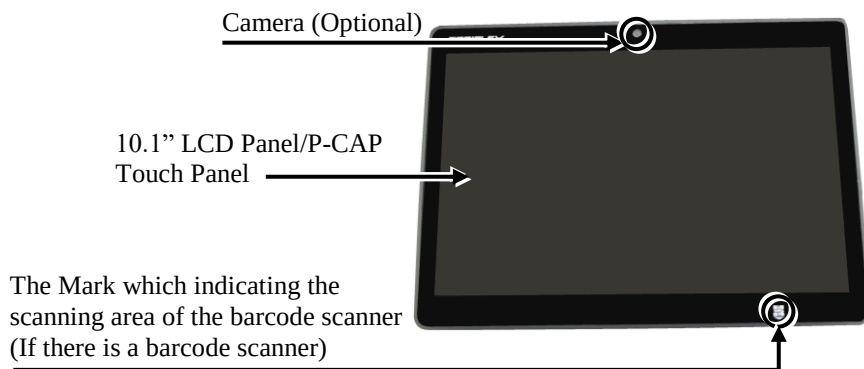
This equipment is not suitable for use in locations where children are likely to be present.

CONSIGNES DE SÉCURITÉ

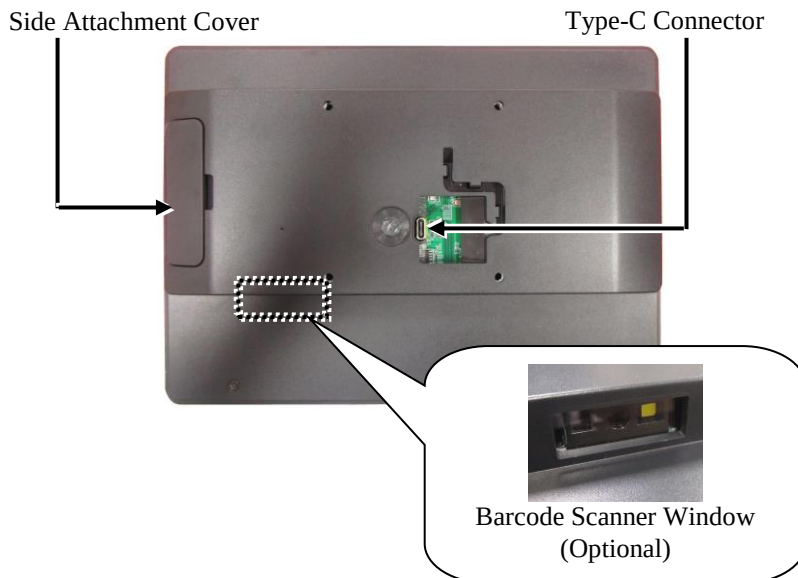
Cet équipement ne convient pas à une utilisation dans des lieux pouvant accueillir des enfants.

Views of TM/LM-5011LC for BT Series POS Terminal

Front View

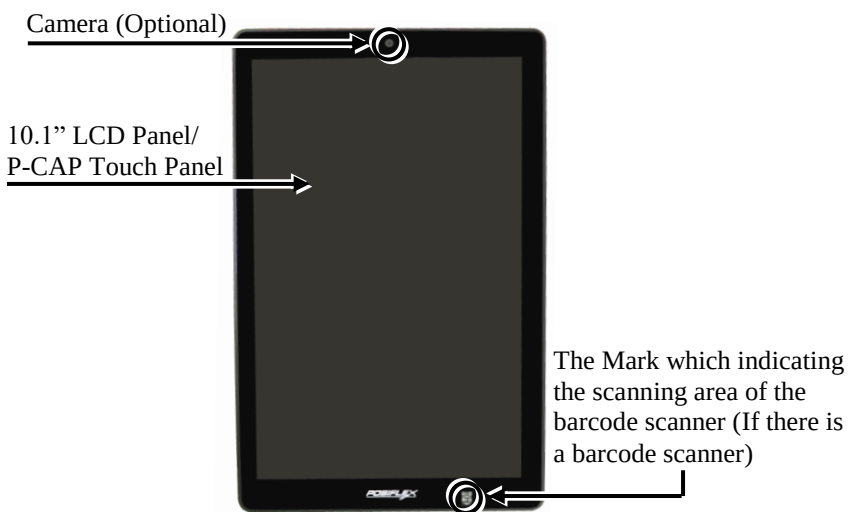


Rear View

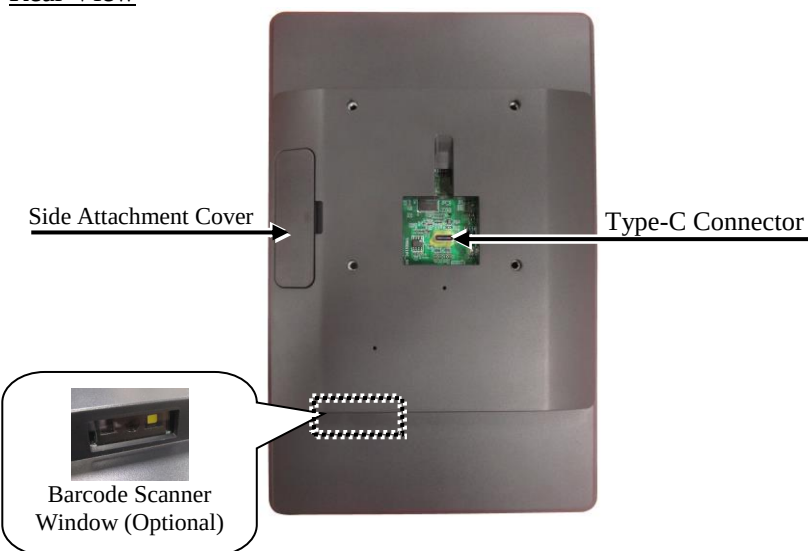


Views of TM/LM-5011PC for BT Series POS Terminal

Front View

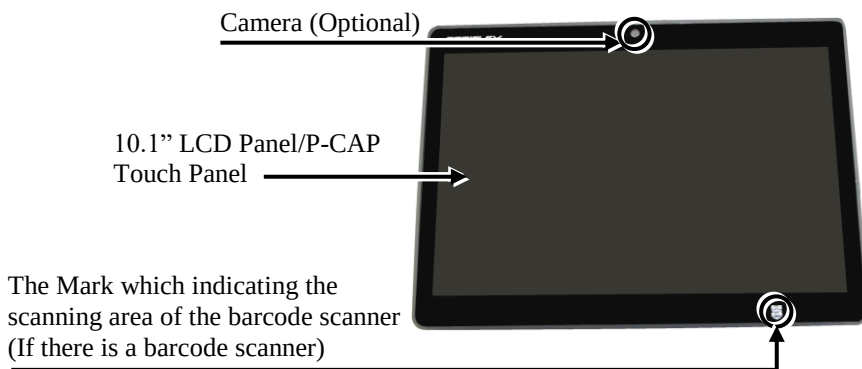


Rear View

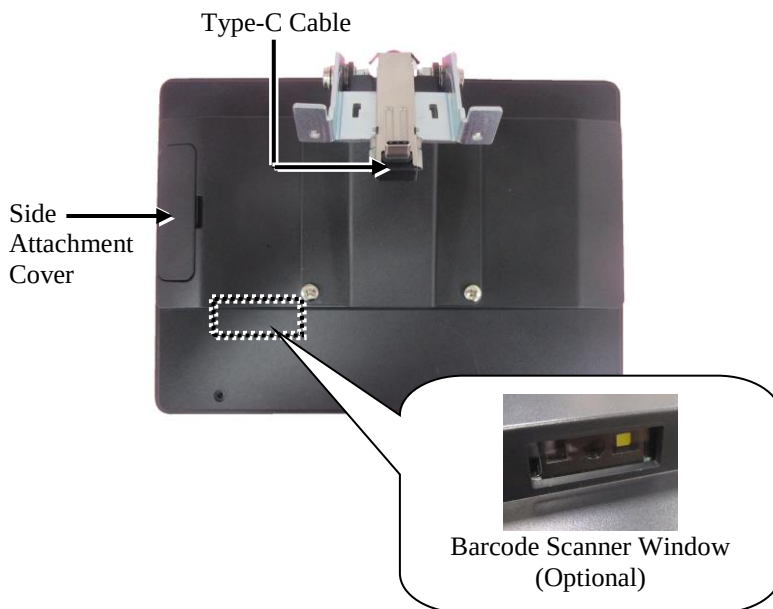


Views of TM/LM-5011LC for GT Series POS Terminal

Front View

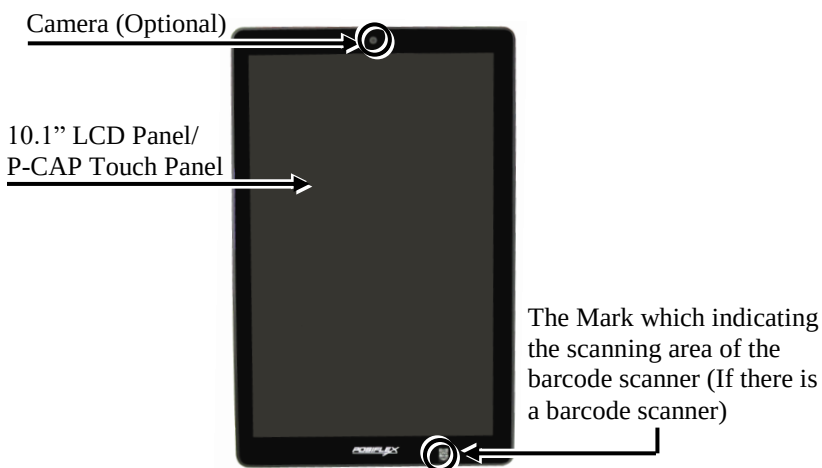


Rear View

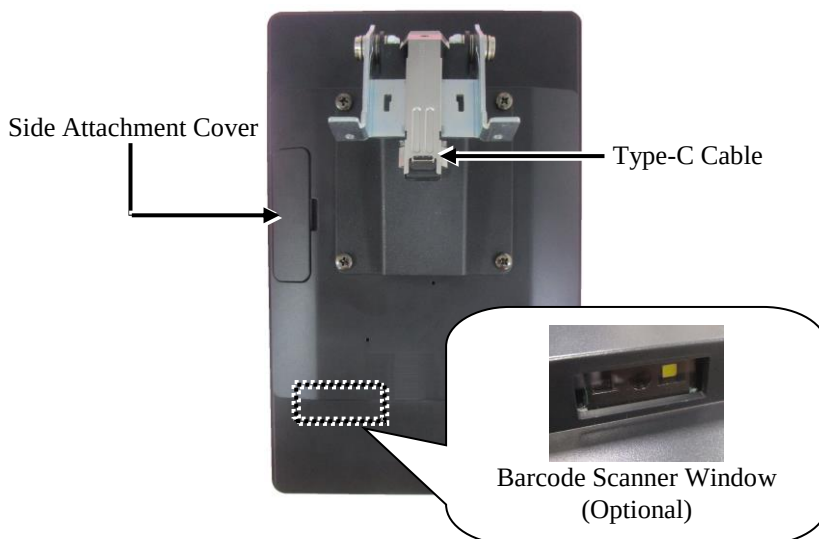


Views of TM/LM-5011PC for GT Series POS Terminal

Front View



Rear View



Mounting your Monitor to BT-series POS Terminals

Please make sure the BT series POS terminal is completely turned off before installing.

Please follow the below procedure to install TM/LM-5011LC or TM/LM-5011PC to BT series POS terminal models.

TM/LM-5011LC is **landscape mode**; TM/LM-5011PC is **portrait mode**. It takes TM/LM-5011LC for example in below installation guide.



Note:

Please use the type-C cable certified/provided by Posiflex. Please **DO NOT** use the cables from other unknown sources.

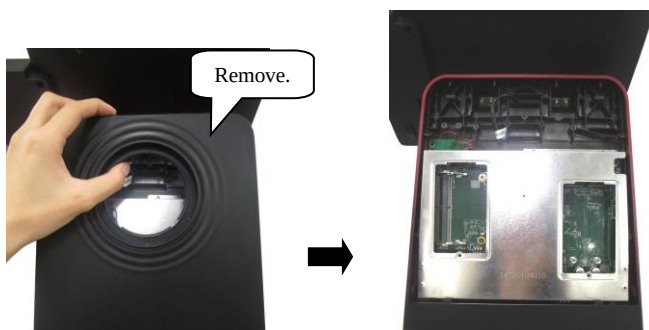
1. Remove the cable cover.



2. Use **plastic** stick to open the hinge cover. **Please note that don't use metal tool** to open the hinge cover to avoid damage to the appearance. And then remove one M2 screw on the plastic rear cover.



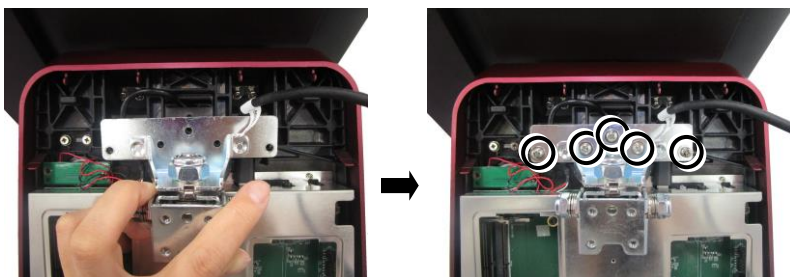
3. Remove the plastic rear cover.



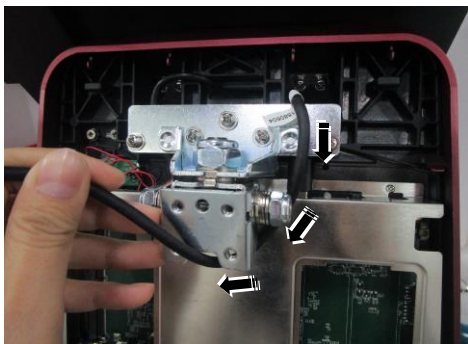
4. Connect the USB type-C cable to the USB type-C port on the top side of the main board.



5. Install the hinge with five screws, being careful not to press the cables.



6. Route the cable like the below picture and then close the plastic rear cover back to the POS terminal.



7. Fix the plastic rear cover with one original M2 screw.

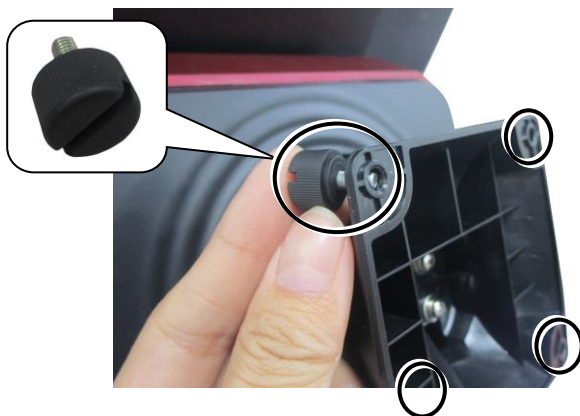


8. Pass the USB type-C cable through the cable exit of the hinge bracket, and then install the hinge bracket with four M4 screws.

Pass through
the cable and
install.



9. Insert the four thumbscrews into the four screw holes of the hinge bracket.



10. Connect the USB type-C cable and the 9-pin NFC cable (**if there is**) to the TM/LM-5011PC or TM/LM-5011LC.



11. Fix the four thumbscrews on the rear side of the 2nd display.



12. Installation completed.



Please note that if your POS terminal model is **BT-2015** or **BT-2016**, you have to do advanced setting for 2nd monitor through a MonitorSettings APK. Please go to Posiflex MemberZone to download the APK or technical manual for further instruction. If your POS terminal model is **BT-3015**, **BT-3016**, **BT-8015**, or **BT-8016**, there is no need to do advanced setting for 2nd monitor. You can skip this note.

Mounting your Monitor to GT-series POS Terminals

Please make sure the GT series POS terminal is completely turned off before installing.

Please follow the below procedure to install TM/LM-5011LC or TM/LM-5011PC to GT series POS terminal models.

TM/LM-5011LC is **landscape mode**; TM/LM-5011PC is **portrait mode**. It takes TM/LM-5011LC for example in below installation guide.



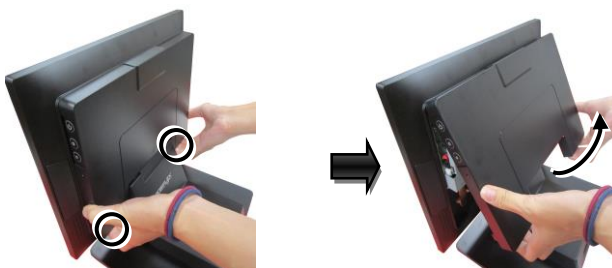
Note:

Please use the type-C cable certified/provided by Posiflex. Please **DO NOT** use the cables from other unknown sources.

1. Remove the system back cover.
 - 1.1 If the system back cover is fire-resistant, first locate the screw as indicated in the figure, and then remove it.



- 1.2 Hold down the release lever at the bottom of the system back cover and then pulling the cover outwards.



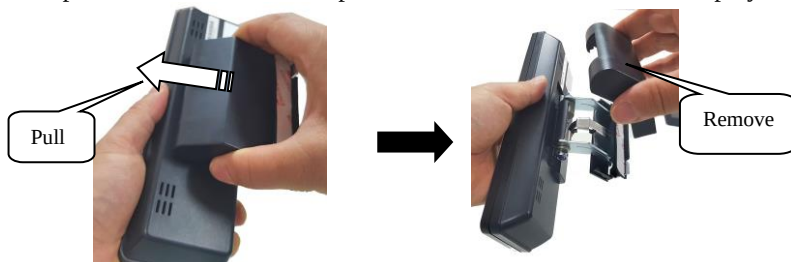
2. Remove the 2nd display dummy cover.



3. Remove the two countersunk head screws on both sides of the top neck cover.



4. Pull upwards and remove the top neck cover from the customer display.

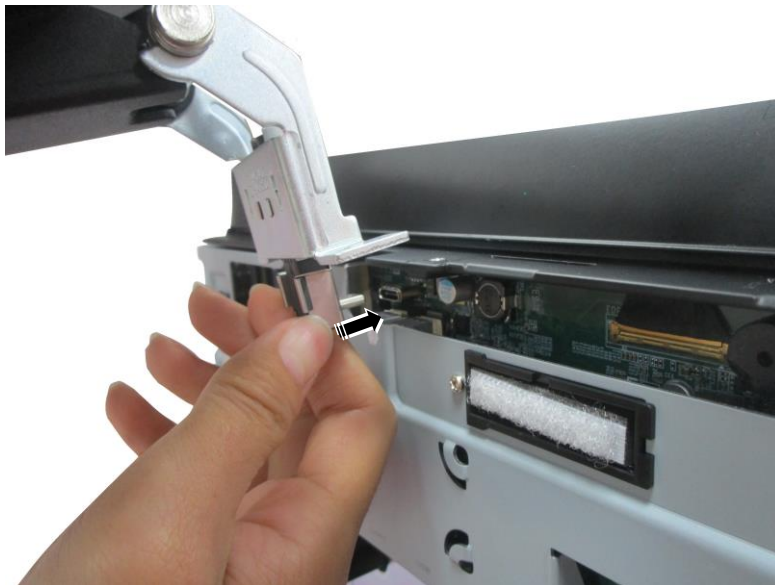


5. Find the type-C connector on the main board shown as below picture and connect the type-C cable to it.

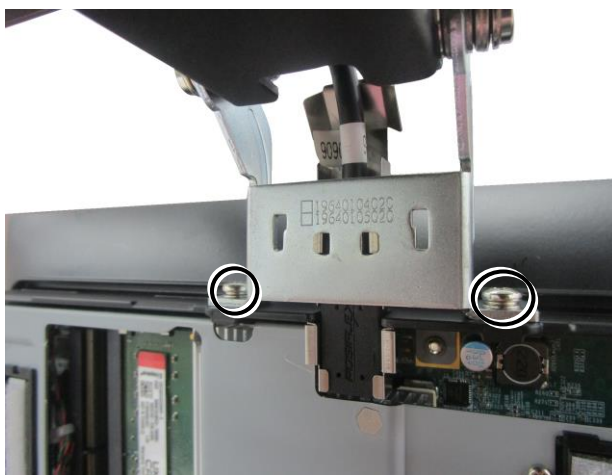




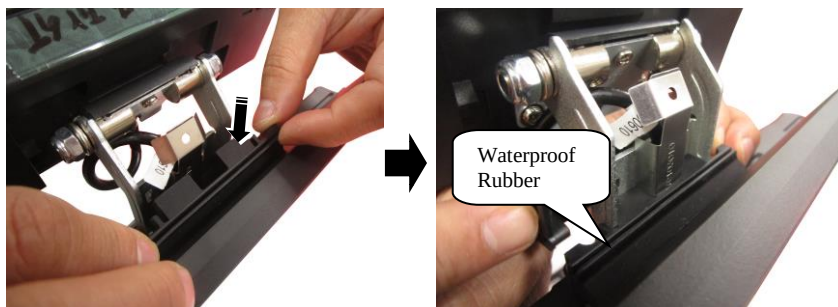
Please note that the type-C connector is very fragile. Before inserting the cable, be sure to verify that the connector on the cable end is **parallel** to the connector on the main board, and then carefully insert the cable.



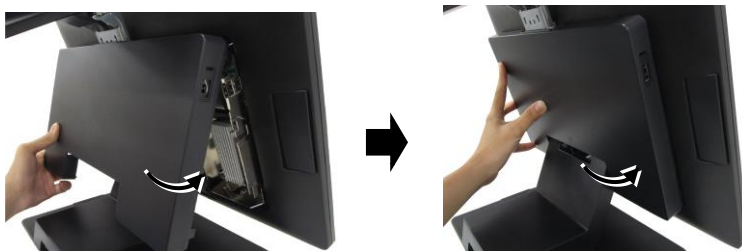
6. Fix the monitor to the GT series POS terminal with two #6/32 screws



7. Install the waterproof rubber into the place.

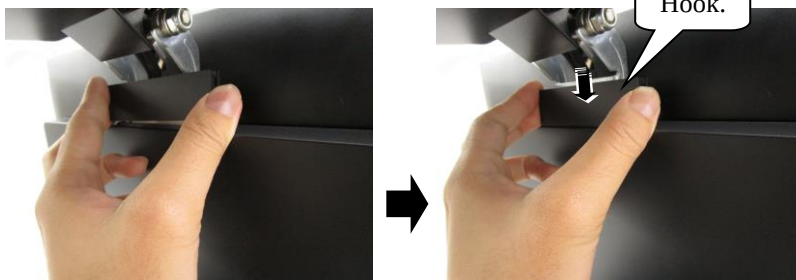


8. Place back the system back cover from top side to close the sytem compartment of GT-series terminal.



9. Install the dummy cover to the hinge bracket. Make sure the cover is hooked on the hinge bracket like below picture.

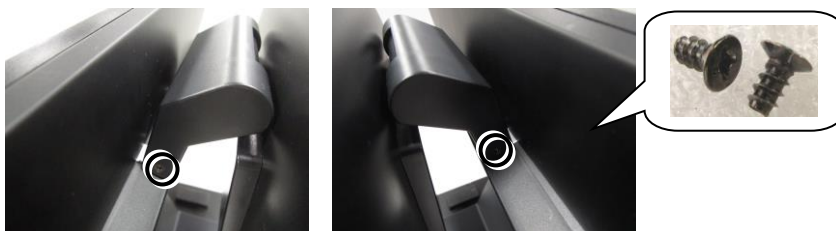




10. Close the plastic hinge cover bracket.



11. Fix the two countersunk head screws on both sides of the hinge cover.



12. Tilt the monitor screen to your desired angle. While setting up the tilting adjustment, be careful NOT to press on the LCD panel.



To disassemble the 2nd monitor, please note that the type-C connector is very fragile. After removing the two #6/32 screws, please hold the 2nd monitor with your hand first, and then carefully unplug the type-C cable at a **parallel** angle.



Identifying your Monitor as Secondary Touchscreen Monitor in Extended Mode

In the following section the related descriptions will be offered to help you set up TM series as the extended monitor when you attempt to extend the desktop across multiple monitors

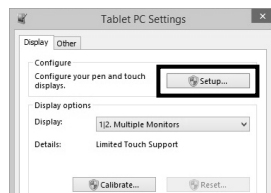
For TM-5011LC/PC Model with P-CAP Touchscreen

If your monitors are TM-5011LC/PC models, you may configure the display settings from Control Panel in Microsoft Windows to identify the monitor as the secondary touchscreen monitor. Please go through the below steps to complete configuration.

1. Make sure that the monitor is well connected to your POS terminal.
2. Go to **Control Panel>Display Settings**, change your display settings to extended mode.
3. Go to **Control Panel**, and then click on **Tablet PC Settings** item.



4. In **Tablet PC Settings** dialogue box, click on **Setup** button.



5. Following the instruction shown on the screen, click on the screen that you want to identify as the primary touchscreen display.

Touch this screen to identify it as the touchscreen.

If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc.

6. Press **Enter** button to proceed the configuration.

Press Enter to proceed to the next step to complete your configuration

7. Click on the screen you want to use as the secondary touchscreen display.

Touch this screen to identify it as the touchscreen.

If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc.

Powering ON/OFF your Monitor

To start up the monitor, please make sure that the monitor is well connected to POS terminals and electricity is supplied to the monitor through POS terminal.

Installing Drivers

Please visit Posiflex official website to download and install the related drivers.

<https://www.posiflex.com/document/driver-and-utility/?pmid=156,173&pid=598>

Setting up Display Resolution for Your Monitor

The below chart defines the list of recommended display settings for TM/LM monitor. Improper display configuration will prevent the monitor from properly displaying the image and lead to a warning message of “out of range” prompted on the screen.

10.1” TM/LM-5011PC & TM/LM-5011LC

Display Resolution	Horizontal Frequency (KHz)	Refresh Rate (Hz)
640 x 480	31.5	60
	37.9	72
	37.5	75
800 x 600	37.9	60
	48.1	72
	46.9	75
1024 x 768	48.4	60
1280 x 720	45.0	60
1280 x 800	49.7	60

Optional 2D Barcode Scanner Engine

Optional 2D barcode scanner engine is installed at the rear cover, behind the Barcode Mark on the front panel. Scan the below barcode to restore Auto Trigger defaults.



Restore Auto Trigger Defaults



Scan Area

To do the further setting of the scanner engine, please find the relevant user manual on Posiflex Global Website, (<https://www.posiflex.com/document/user-manual/?pmid=156,173&pid=598>) or contact the service team for technical support.

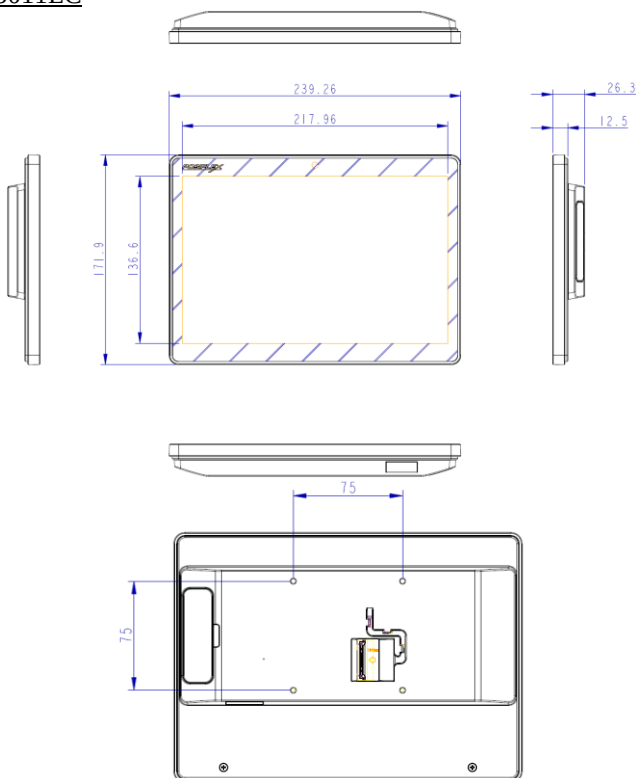
Specification

	TM/LM-5011
Display	
LCD Panel	10.1" TFT LCD
Resolution	1280(H) x 800 (V)
Active Area	216.96mm (H) x 135.60mm (V)
Viewing Angle	85/85/85/85 degree (U/D/L/R)
Contrast Ratio	800 : 1
Brightness	350 cd/m ²
Power Supply	12V from BT-series type-C connector

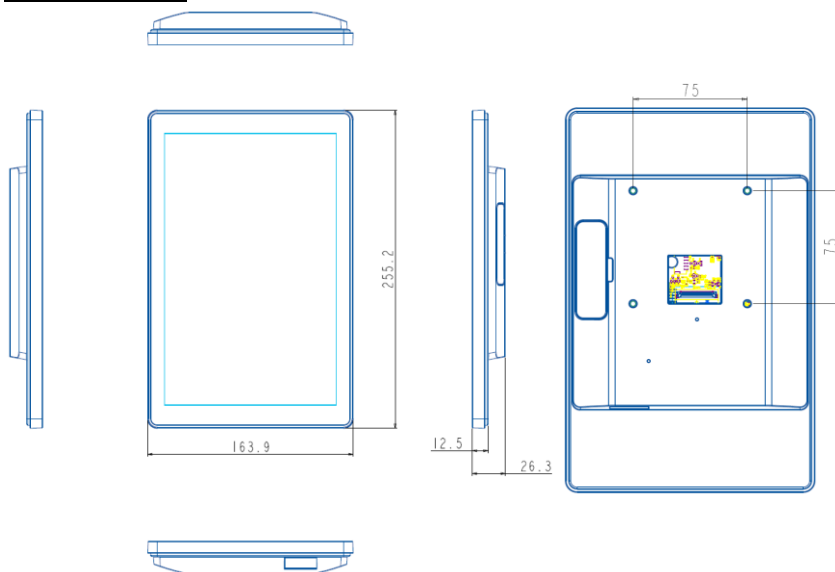
Touch	
Touch type	TM-5011LC/PC: P-CAP; LM-5011LC/PC: N/A
Interface	TM-5011LC/PC: USB; LM-5011LC/PC: N/A
Integrated module	
Barcode Scanner	Optional, 2D barcode scanner on rear cover
Camera	Optional, 1MP wide angle camera module
Mechanical	
Dimension (WxDxH)	TM/LM-5011LC: 239.2 x 171.9 x 26.3 mm TM/LM-5011PC: 163.9 x 255.2 x 26.3 mm
Net Weight	1 kg
Mounting	VESA mounting hole 75 x 75

Outline Dimension

TM/LM-5011LC



TM/LM-5011PC



※ *The product information and specifications are subject to change without prior notice.*

Manufacturer:

Posiflex Technology Inc.

4F-8F, No. 23, Datong St., Tucheng Dist., New Taipei City 236044, Taiwan

Tel : +886 2 2268 5577

製造商資訊

振樺電子股份有限公司

新北市土城區大同街 23 號 4 樓~8 樓

電話：02-2268-5577