

**TM/LM-4010 & TM/LM-4011  
& TM/LM-4011LVDS  
POS Monitor User Manual**

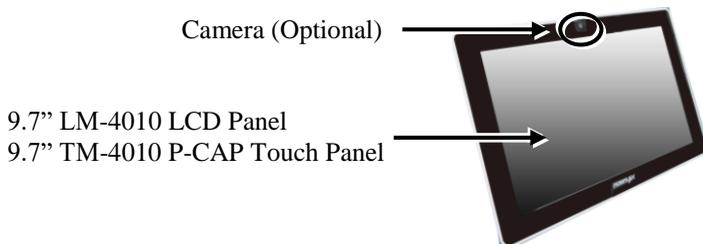


**Package Contents**

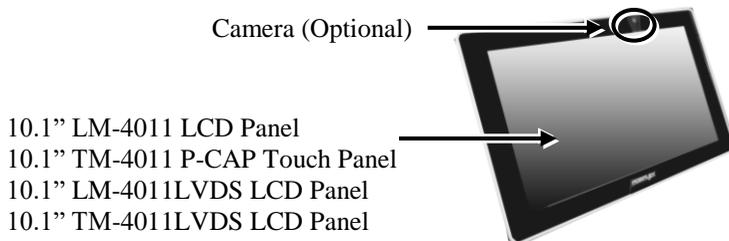
- ✓ 9.7" TM/LM-4010 or 10.1" TM/LM-4011 or 10.1" TM/LM-4011LVDS POS Monitor.....(x 1)
- ✓ Mounting Kits .....(x 1)
- ✓ User Manual.....(x 1)

**Views of TM/LM-4010 & TM/LM-4011 & TM/LM-4011LVDS**

Front View of TM/LM-4010



Front View of TM/LM-4011 & TM/LM-4011LVDS



19640901040 Ver. D0

<http://www.posiflex.com>

# SOME IMPORTANT NOTES

## 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.

## 警告使用者

此為甲類資訊技術設備產品，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

## WARNING

Power cord shall be connected to a socket-outlet with earthing connection.

## ATTENTION

Le cordon d'alimentation doit être connecté à une prise de courant avec mise à la terre.

## Rear View

Front Cover for  
Mounting Bracket



## **Mounting your Monitor to RT-series POS Terminals**

The following instructions are provided to help you mount your TM/LM monitor to Posiflex RT-series POS terminals. During installation, please ensure the terminal is properly turned off and disconnected from the power sources to avoid potential hazards.

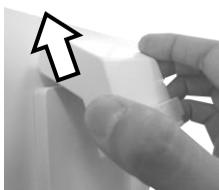
1. Tilt the screen of your RT-series terminal to the most upright position.



2. Remove the system cover by holding down the release levers at the bottom of the cover and then pulling the cover outwards.



3. Take the monitor out of package box, and remove the front cover for mounting bracket.



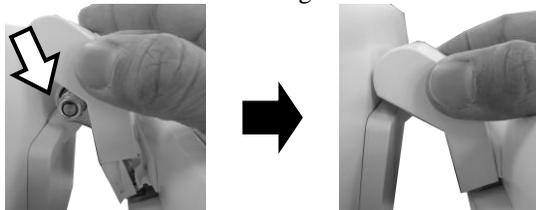
4. Tear off the release liner from the protective strip which is clipped onto the mounting bracket.



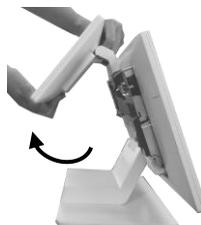
5. Lift the monitor, align the two screws holes located on the mounting bracket with those on the top of the system compartment of RT-series terminals and then secure the monitor with two fixing screws.



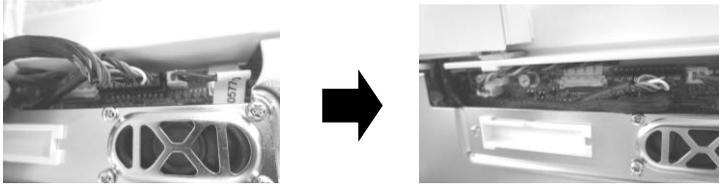
6. After ensuring the monitor is well mounted to RT-series terminal, push back the front cover for the mounting bracket of TM/LM monitor.



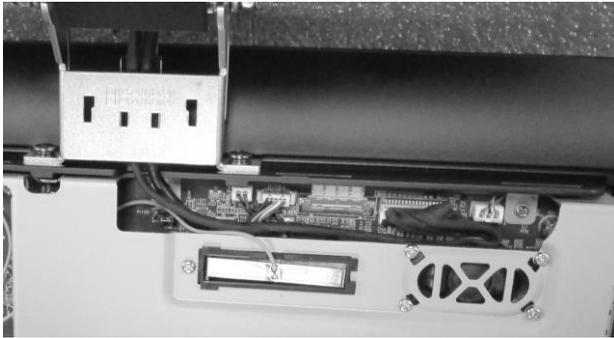
7. Tilt the monitor screen all the way up.



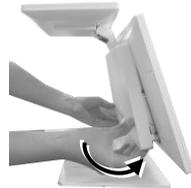
8. For **TM/LM-401x**, well insert the cable to the internal VGA port from the mainboard of RT-series terminal, and tuck the extra cable inside the system compartment.



For **TM/LM-4011LVDS**, well insert the cable to the internal LVDS connector from the mainboard of **RT-1016A-G2** terminal, and tuck the extra cable inside the system compartment.



9. Place back the system cover to close the system compartment of RT-Series terminal.



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



## 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

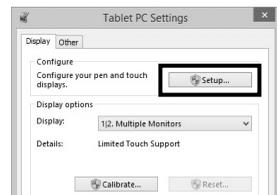
### For TM-4010/4011/4011LVDS Models with P-CAP Touchscreen

If your monitors are TM-4010/4011/4011LVDS 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.  
<http://www.posiflex.com/en-global/Download/download>



## Setting up Display Resolution for Your Monitor

The below chart defines the list of recommended display settings for TM/LM monito. 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.

### 9.7” TM/LM-4010

Display Resolution	Horizontal Frequency (KHz)	Refresh Rate (Hz)
640 x 400	37.9	70
	31.5	60
640 x 480	37.9	72
	37.5	75
720 x 400	37.9	70
800 x 600	35.1	56
	37.9	60
	48.1	72
	46.9	75
1024 x 768	48.4	60

### 10.1” TM/LM-4011 & TM/LM-4011LVDS

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

## Specification

	<b>TM/LM-4011 TM/LM-4011LVDS</b>	<b>TM/LM-4010</b>
<b>Display</b>		
LCD Panel	10.1" TFT LCD	9.7" TFT LCD
Resolution	1280(H) x 800 (V)	1024(H) x 768 (V)
Active Area	216.96mm (H) x 135.60mm (V)	196.61mm (H) x 147.46mm (V)
Viewing Angle	85/85/85/85 degree (U/D/L/R)	70/60/70/70 degree (U/D/L/R)
Contrast Ratio	800 : 1	500 : 1
Brightness	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
Display Interface	<b>TM/LM-4010 &amp; TM/LM-4011:</b> VGA <b>TM/LM-4011LVDS:</b> LVDS	
Power Supply	<b>TM/LM-4010 &amp; TM/LM-4011:</b> 12V from RT-series VGA Port <b>TM/LM-4011LVDS:</b> 12V from <b>RT-1016A-G2</b> LVDS connector	
<b>Touch</b>		
Touch type	<b>TM-4011:</b> P-CAP <b>TM-4011LVDS:</b> P-CAP <b>LM-4011:</b> N/A	<b>TM-4010:</b> P-CAP <b>LM-4010:</b> N/A
Interface	<b>TM-4011:</b> USB <b>TM-4011LVDS:</b> USB <b>LM-4011:</b> N/A	<b>TM-4010:</b> USB <b>LM-4010:</b> N/A

*※ The product information and specifications are subject to change without prior notice. To get the detailed information on TM-4010/LM-4010/TM-4011/LM-4011/TM-4011LVDS/LM-4011LVDS please check this model from Posiflex Global Website (<http://www.posiflex.com/en-global/Download/download>).*

## BSMI ROHS

設備名稱：POS螢幕 ， 型號（型式）：TM-4011,LM-4011,TM-4010,LM-4010 Equipment name Type designation (Type)						
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr <sup>6+</sup> )	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
面板	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電路板	○	○	○	○	○	○
線材	○	○	○	○	○	○
配件	○	○	○	○	○	○
<p>備考1. “超出0.1 wt %”及“超出0.01 wt %”係指限用物質之百分比含量超出百分比含量基準值。 Note 1 : “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.</p> <p>備考2. “○”係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2 : “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>備考3. “-”係指該項限用物質為排除項目。 Note 3 : The “-” indicates that the restricted substance corresponds to the exemption.</p>						

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