V.4.0 of Dec. 2018

Instruction Manual

Touch overlay Panel

STP-55IR100

STP-65IR100

STP-75IR100

STP-85IR100

NTP-86IR100

Thank you very much for your purchasing this product.
This instruction manual has been written for your persons in charge of inspection and maintenance of the product or for persons for maintenance services of the manufactures.
Please read this manual carefully for correct operation and making full usage of the product. Also please keep this manual in your custody for further reference after reading the manual.

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1. Assembly and preparation

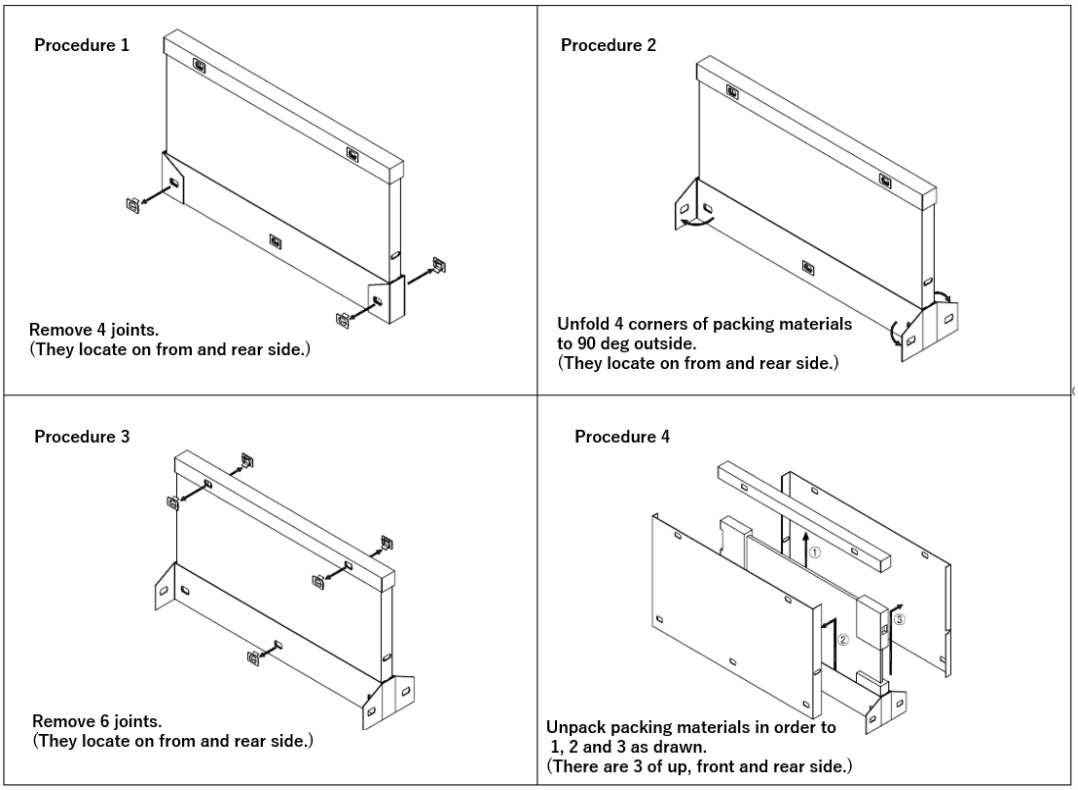
1) Safety Precautions

- If you are a retail store person and/or a professional installer, please read this manual carefully before installing the product.
- If you are a retail store person and /or a professional installer, please give this manual to the user after installation
- If you are an user, please read this manual carefully and retains it for future reference after reading the manual.

⚠ WARNING

・The product should be installed by a qualified professional specified by the retail store.
・ Product installation by non-qualified personnel is very dangerous and may cause personal injury.
・ When moving or replacing the product after installation, contact the retail store. Installation or movement of the product must be carried out by a skilled professional. If an unqualified person moves or installs the product, it may cause safety risks.
・ Do not hang the power cable and signal cable on the back of the monitor when mounting the monitor to the wall.
・ Damaged cables may result in fire, electric shock, or damage to the product.
・ Keep the monitor upright when mounting the monitor to the wall.
・ The product should be installed where its weight can be fully supported.
・ If the product is installed on a weak surface, the product may fall, causing injury.
・ Check the maximum allowed weight of the wall mount.
・ Do not hang on nor cling on this product. Protect it from severe impact after installation. The product may fall and cause injury.
・ Models with the Multi-touch Overlay Kit cannot be installed on stands.
・ The product may fall.

2） Unpacking



⚠ ・The product is flipped upside down in the package to prevent an USB cable from damage.

3） Accessories

Check your product box for the following items. If there are any missing accessories, contact the retail store where you purchased your product.

*The illustrations in this guide may differ from the actual product and accessories.

STP-55IR100	Fixing metal（1） ×7	Fixing metal（2） ×2	screw M3×14 M4×4
STP-65IR100	Fixing metal（1） ×7	Fixing metal（2） ×2	screw M3×14 M4×4
STP-75IR100	Fixing metal（1） ×7	Fixing metal（2） ×2 ×1 Fixing metal（3）	screw M3×14 M4×6
STP-85IR100	Fixing metal（1） ×7	Fixing metal（2） ×2 ×1 Fixing metal（3）	screw M3×21 M4×6

CAUTION

- Always use genuine components to ensure safety and product performance.
- The product warranty will not cover damage or injury caused by the use of unauthorized components.
- The accessories provided with your product may vary depending on the model.
- Product specifications or contents in this manual may be changed without prior notice due to upgrade of product functions.

4) Assembly Instructions

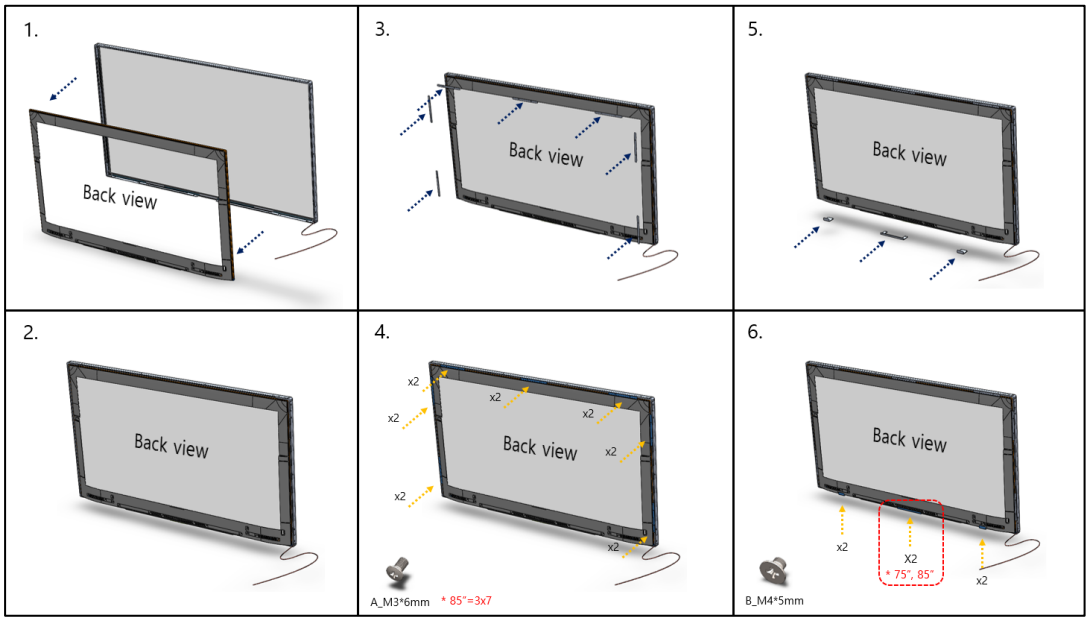
*The picture may differ from the actual product.

- Before installing the product, if there are any water drops or foreign materials on the inner/outer side of the glass, wipe them out with a soft cloth.
- While installing the product, if there are any water drops or foreign materials on the inner/outer side of the glass, wipe them out with a soft cloth and install it again. Assemble the product in a clean, uncontaminated area to prevent dust or foreign material from entering it.

a) Remove the internal protective film using the handle at the upper right corner of the glass as illustrated
※The product is flipped upside down in the package.

b) Put the monitor into the product.

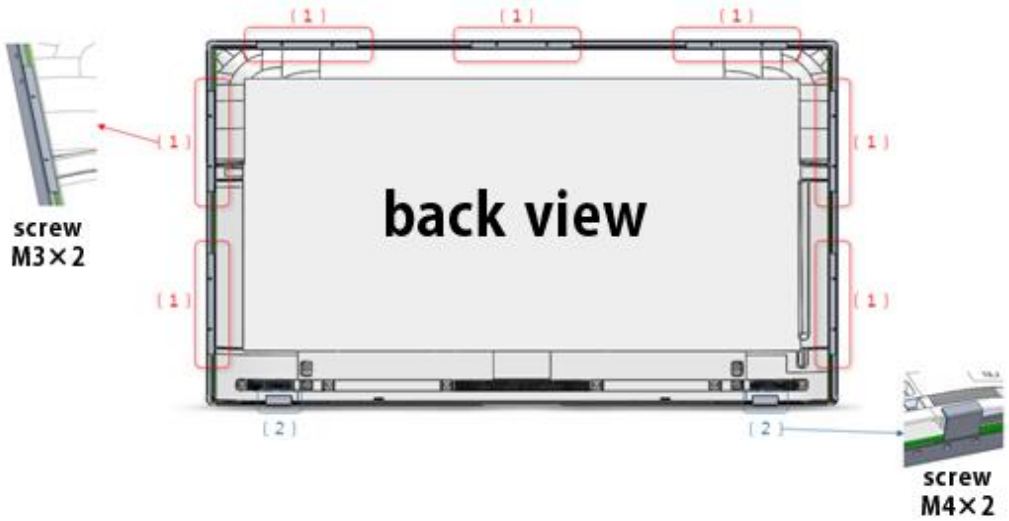
※The product is flipped upside down in the package.



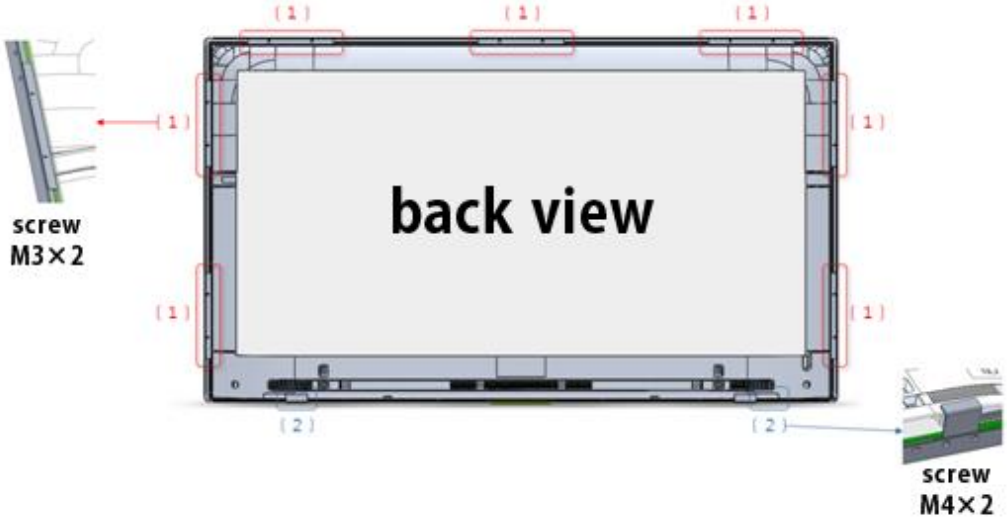
c) Use the screws and the bracket provided to make the product stationary.

※The surface of the fixing metal with a rubber-like cushion should be faced to the monitor.

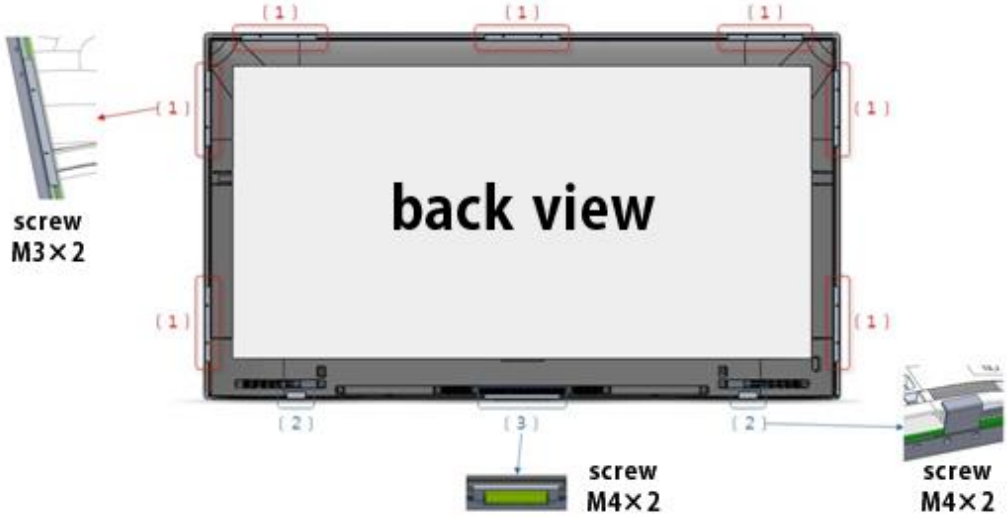
STP-55IR100



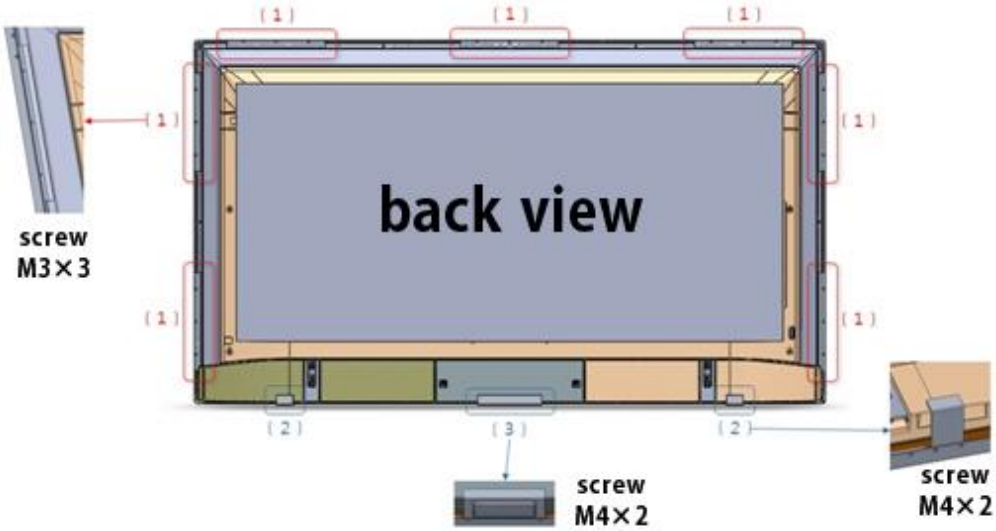
STP-65IR100



STP-75IR100



STP-85IR100



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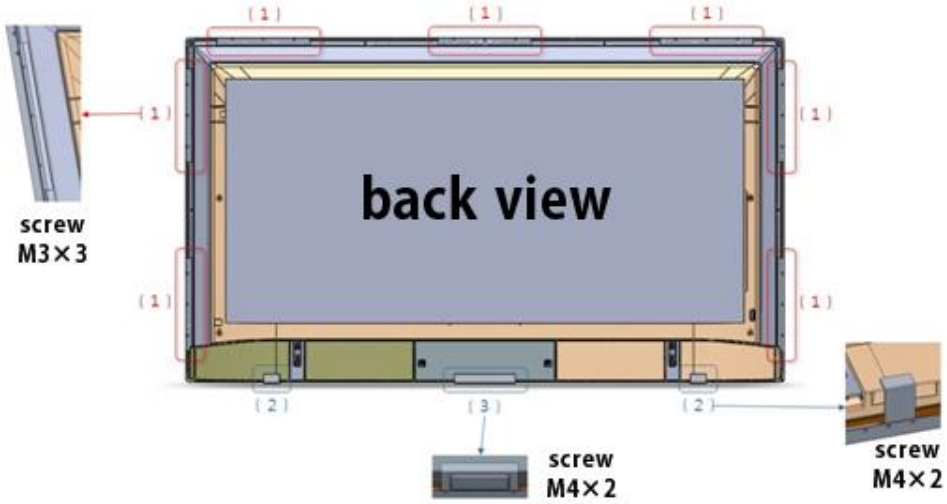
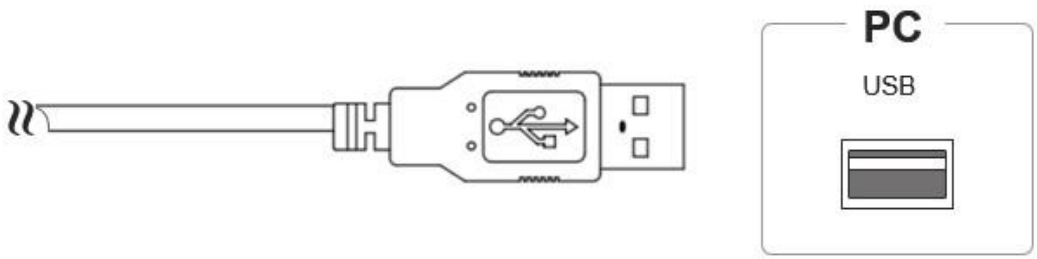


2 Installation instructions

Connecting Touch USB Cable

Connect the touch USB cable extending from the left side of the product to the PC



CAUTION

- The product may not work correctly if you use a USB extension cable.
- While recognizing the USB cable connection or within 3 seconds after connecting it, any tapping on the touch screen may not respond correctly.

3. Touch specifications

Item	Specification
Touch Accuracy	±2mm (90% Area)
Input Method	Finger, Pen and Opaque objects
Output Form	Coordinate Value
Touch Durability	Unlimited
Minimum Object sizes for touch	Single touch 6mm
	Multi touch 8mm
Interface	USB2.0
Working Voltage	DC 5V±5%
Average Current	<500mA

4.OS support availability

OS	Windows			
Sub-OS	Win 7	Win 8/8.1	Win 10	Win CE 6.0
Support	√	√	√	√
Multi-touch	√	√	√	single
Driver	HID compliance , not need any driver			Touch ScreenUSB
Notice	Performance will be impacted if mentioned systems do not support multi-touch function or have no copyrights. And Windows 8 must be non OEM version			

OS	Linux			
Sub-OS	Fedora10+	Ubuntu10.04+	RedFlag 6.2 +	OpenSuse 11.4 +
Support	√	√	√	√
Multi-touch	· Kernel version 3.0+ ,can support multitouch by adding patch · Kernel version 3.5+, HID compliance support multitouch			
Driver	HID compliance.			

OS	Mac OS X					
Sub-OS	10.6	10.7	10.8	10.9	10.1	10.11
Support	√	√	√	√	√	√
Multi-touch	Supported by UPDD driver					
Driver	· HID compliance support single touch					
	· Multi-touch supported by UPDD driver					
Notice						

OS	Chrome					
Sub-OS	Chrome 38	Chrome 53	Chrome 54	Chrome 55	Chrome 56	
Support	√	√	√	√	√	
Multi-touch	√	√	√	√	√	
Notice						

OS	Android					
Sub-OS	4.0/4.1/4.2+	5	6	7	7	9
Support	√	√	√	√	√	√
Driver	HID compliance.					
Multi-touch	· Kernel version 2.6.32+, we can provide patch					
	· Kernel version 3.5+， HID copliancesuppport Multi-touch					

5. Product specifications

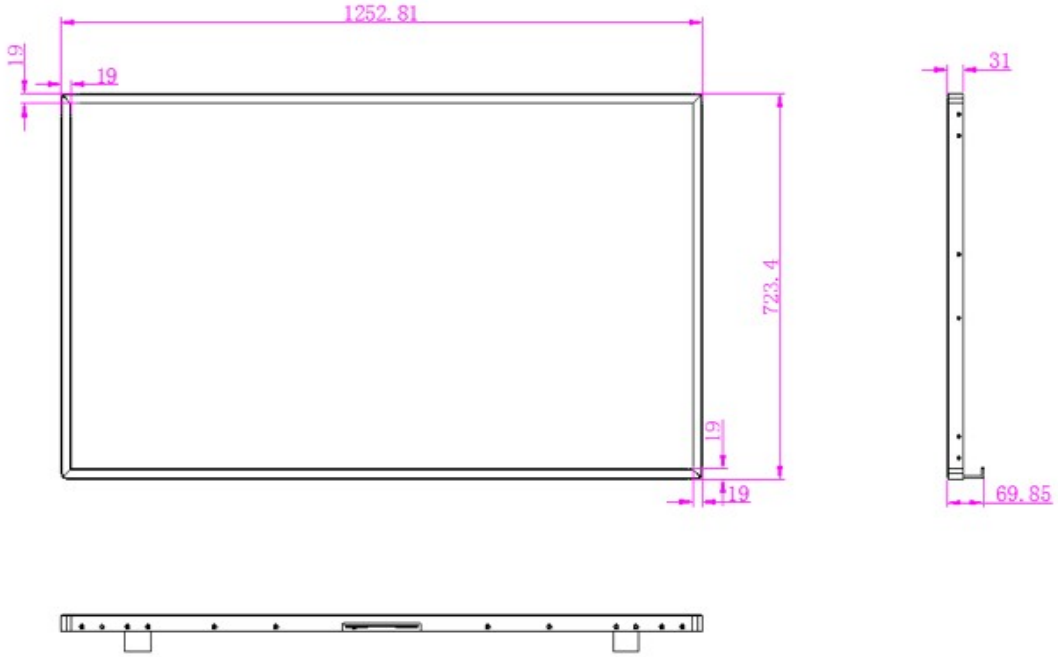
The product specifications below may be changed without prior notice due to upgrade of product functions.

Model	Dimensions(mm)			Weight(Kg)
	Width	Height	Depth	
STP-55IR100	1,252.8	723.4	31	9.1
STP-65IR100	1,471.5	846.5	31	11.6
STP-75IR100	1,696.2	974.3	34.05	16.2
STP-85IR100	1,927.2	1,108.2	28.5	24.6

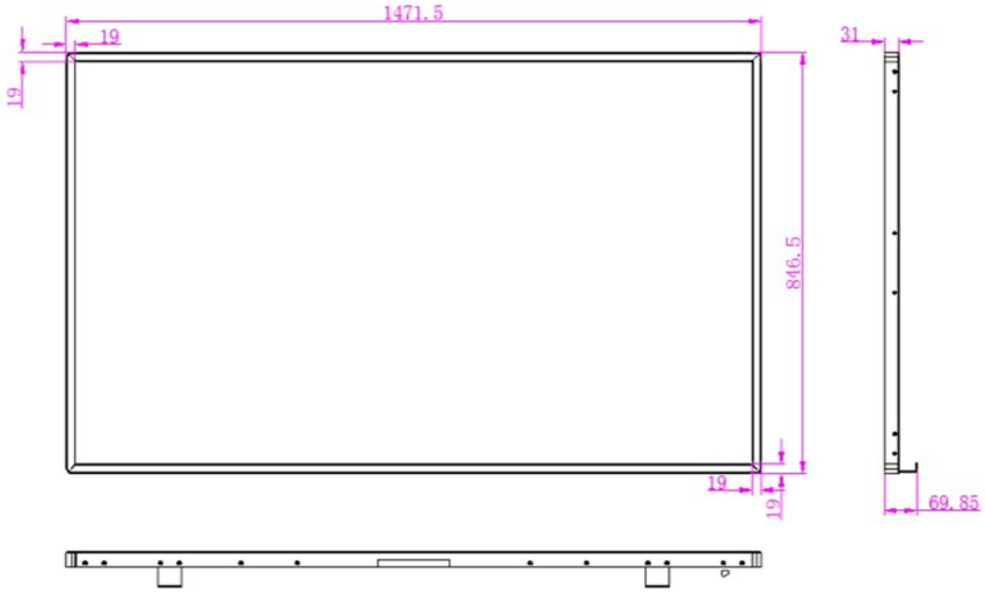
Environmental conditions	Operating Temperature Operating Humidity	0 ℃～ 40 ℃ 10 %～ 80 %
	Storage Temperature Storage Humidity	-20 ℃～60 ℃ 5 % ～ 85 %

Product Dimensions

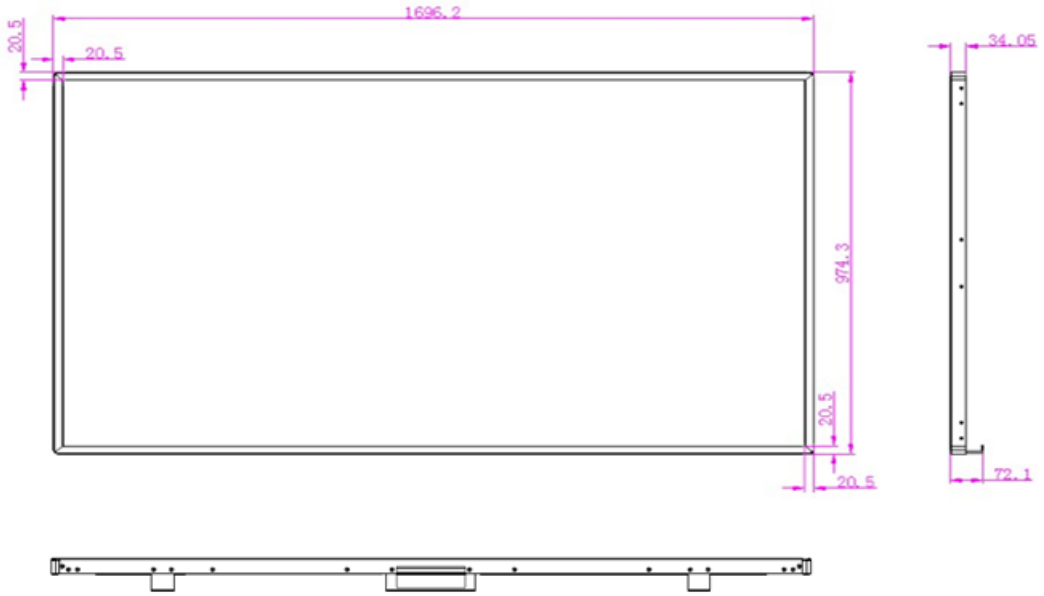
- The illustrations in this manual may differ from the actual product and accessories.
- The product specifications below may be changed without prior notice due to upgrade of product functions.
-
- **STP-55IR100**



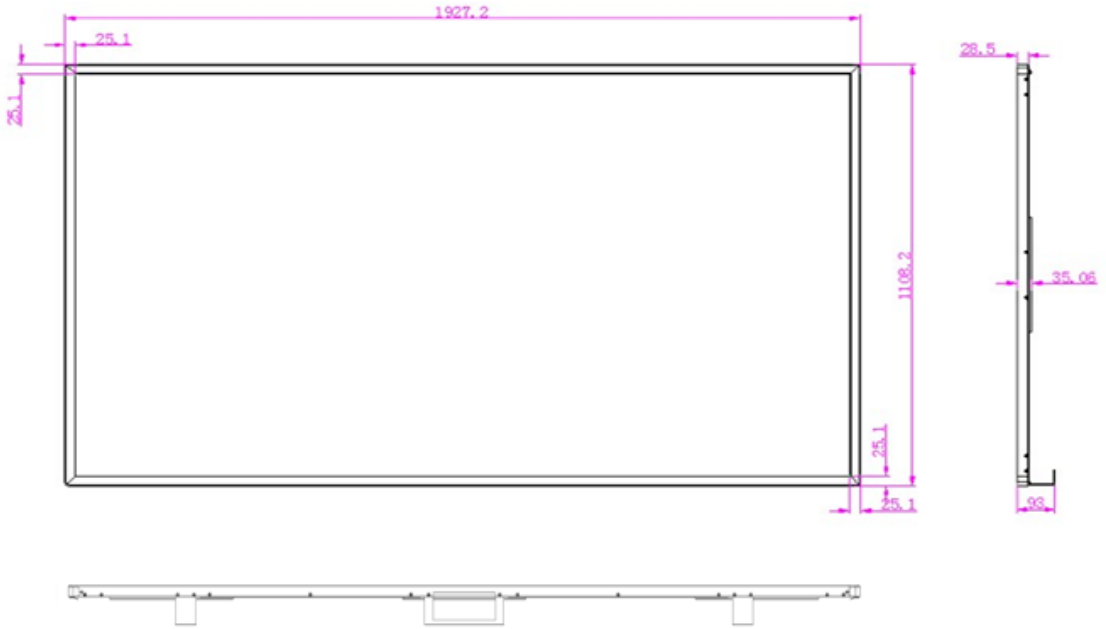
- **STP-65IR100**



- **STP-75IR100**



- **STP-85IR100**



6.Troubleshooting guide

Problem	Action
Touch does not work at all.	Check the USB cable connection. - This may occur when the USB cable between PC and monitor is not connected. Check your PC's power. - This may occur when the PC is powered off. Make sure that your PC's power cord is firmly plugged into a power outlet, then restart your PC. Restart your PC or monitor. - Touch may not respond when the system is down due to an unstable network. Check the signal cable connection. - If your PC and monitor are not connected with a signal cable, touch will not work. Check the signal cable connection.
The touch location does not match the touch coordinates.	Use the calibration program supported by your OS or application to make any corrections.
10 point multi-touch is not working.	Ensure that your OS supports multi-touch functionality. Make sure you content supports 10 point multi-touch. - The software usedFlash player, Paint, etc.) may not support 10 point multi-touch. Restart the softwareFlash player, Paint, etc.). Restart your PC. If the gap between two touch points is 25mm or less, touch errors may occur. 10 point multi-touch support may be unstable on the edge of the touch screen. Using the 10 point multi-touch screen to draw lines may cause partial breakage of the lines.

FCC Compliance Statement

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

Note: 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.

警告 (for China)

此为 A 级产品。 在生活环境中，该产品可能会造成无线电干扰。 在这种情况下，可能需要用户对干扰采取切实可行的措施。

EAC

CU CONFORMITY NOTICE

(Eurasian Customs Union only)