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DOC. NO.

RD- TM550I6XUA -H-001

REV.

PAGE

DATE

TM550I6XUA

01

1 OF 4

2012.09.18

TM550I6XUA

55 inch Touch Screen

Touch Type : Infrared Type

Touch Interface : USB

RoHS Compliance

Our Signature	Design	checked	Approved

For Customer Approval			

Please return one of these to us immediately with your Signature for Approval

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Revision History

Rev	Date	Description	Remark
01	2012.09.18	Start (PCB : TP550I6XXB rev.C)	Ver 01

Note

- The Components(Firmware, Hardware, Mechanical Design …) of This Product will be Changed without any Customers Approval.

1. Specification

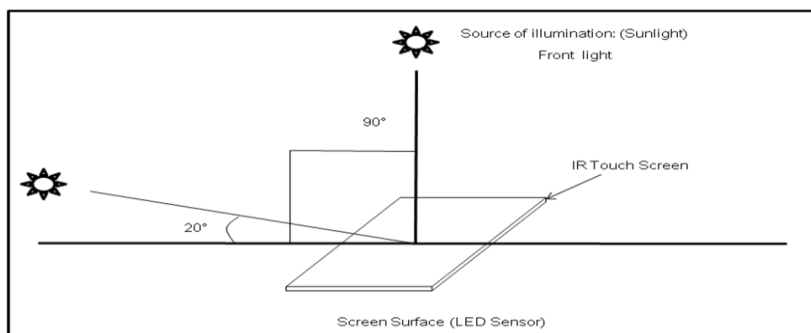
Item	Description
Detection	Infrared interruption detecting system with infrared sensors
Outline Dimension	1297 (H) X 768 (V) X 12.5 (T) mm
Detection Area	1216 (H) X 687. (V) mm
An optical element Space	6.0 (H) X 6.0 (V) mm
The number of optical elements	201 (H) X 112 (V) pcs
Touch plate	Standard) Tempered glass (3.2T)
Scanning Rate	Normal Mode : 25msec (Typ) Sleep Mode : 50msec (Typ)

Interface) USB

Item	Description
Interface	USB2.0
Signal	D+ , D- , VBUS, GND
Speed	12MBps (Full Speed)
Transfer Mode	Interrupt Mode

2. Electrical & Environmental

Item	Description
Supply voltage	5 Vdc \pm 5%
Power consumption	2.5 [Watt] max
Temperature	0 ~ 50°C
Humidity	0 ~ 85%
Resistance of ambient light	Side light 5,000 Lx (incident angle 20°) Front light 60,000 Lx (incident angle 90°)



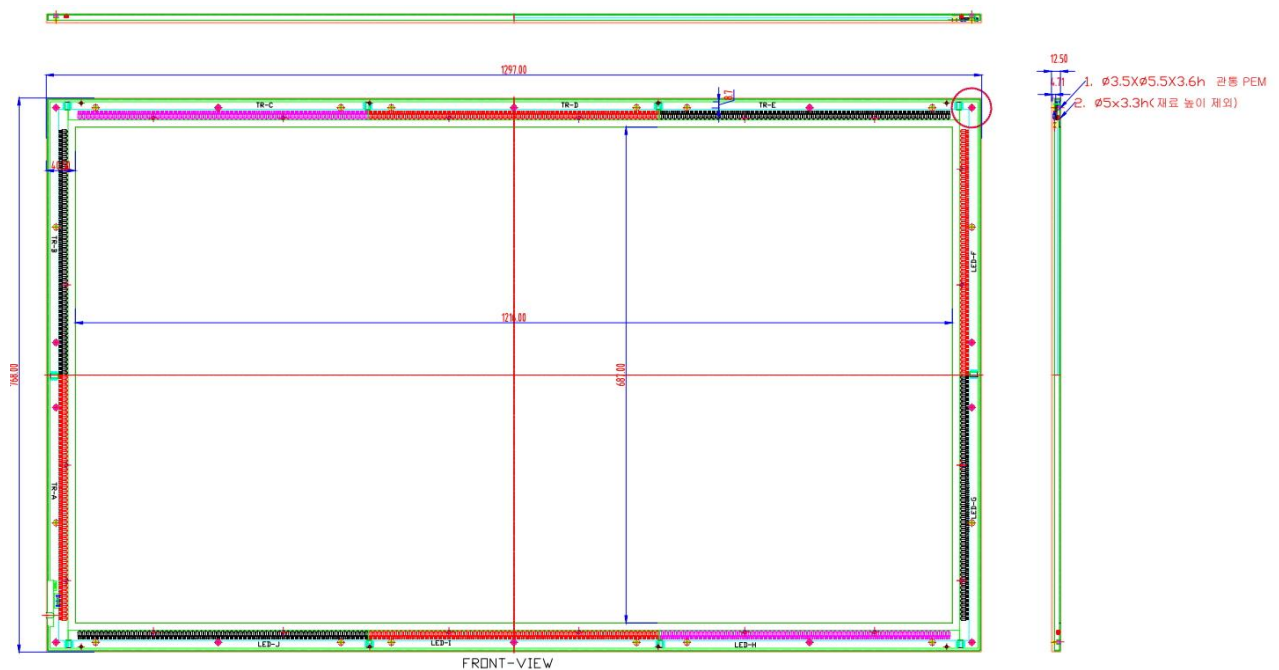
3. Interface

1) Cable - USB A Type (1.8M)



Pin No.	Description
1	VBUS
2	D-
3	D+
4	GND

4. Dimension & View



5. Warranty

This product manufactured to this specification should be capable of meeting all characteristics for 12 Months from the delivery date of Hwayoung Systems Co., Ltd. when stored and used as specified in this document.

Use of this product outside the specified criteria herein will negate the 12 Months warranty
The damages (defaults) described below are NOT covered under the warranty.

- User fault through lack of care.
- User fault through intentional dismantle or attempted repair.
- Damage caused by natural disaster. (Fire, Flood, Earthquake, Lightning, etc.)
- Replacement of any parts.