



DOC. NO.

RD- TM26016X2B -H-001

REV.

PAGE

DATE

TM26016X2B

01

1 OF 6

2011.09.30

TM26016X2B

**IR Touch 26'' Matrix Module
(Interface RS232 Type)**

RoHS Compliance

IVIEWKOREA

www.iviewkorea.com# 1705, 660 Gasan-dong,

Geumcheon-gu, Seoul, South Korea

TEL : 02. 2038. 8570

Our Signature	Design	checked	Approved

For Customer Approval			

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

A4 (210mm×297mm)



Contents

1. Specification	-----	3
2. Electrical	-----	3
3. Interface (Connector & Cable)	-----	4
4. Dimension & View	-----	5
5. Warranty	-----	6

Revision History

Rev	Date	Description	Remark
01	2011.09.30	Start	Ver 01

	DOC. NO.	RD- TM260I6X2B -H-001	REV.	PAGE	DATE
		TM260I6X2B	01	3 OF 6	2011.09.30

1. Specification

Item	Description
Detection	Infrared interruption detecting system with infrared sensors
Outline Dimension	647 (H) X 395 (V) X 11.5 (T) mm
Detection Area	577.7 (H) X 324.7 (V) mm
An optical element Space	6.0 (H) X 6.0 (V) mm
The number of optical elements	95 (H) X 53 (V) pcs
Touch plate	Standard) Tempered glass (5T)
Scanning Rate	Normal Mode : 25msec (Typ) Sleep Mode : 50msec (Typ)

Interface) RS232C

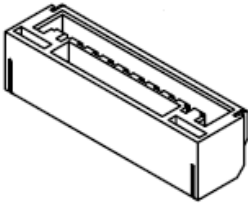
Item	Description
Interface	RS-232C
Signal	RxD , TxD , GND
Speed	9600 bps
Parameter	1 Start , 8Bit , No Parity , 1 Stop

2. Electrical & Environmental

Item	Description
Supply voltage	DC +5V
Current	500mA
Temperature	Operation : 0 ~ 50°C
Humidity	Operation : 0 ~ 85%
Resistance of ambient light	Side light 5,000 Lx (incident angle 20°) Front light 60,000 Lx (incident angle 90°)

3. Interface

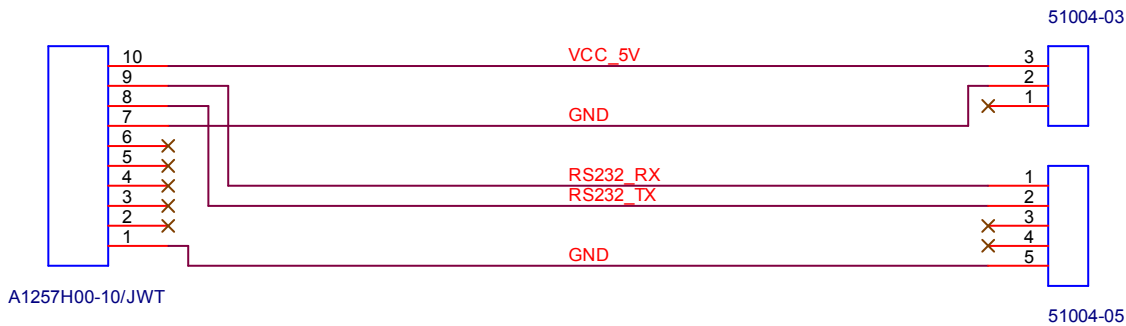
1).Connector - UART / USB – CN1 (A1257WV0-10P-10/JWT)



Pin No.	Description	Pin No.	Description
1	VCC(VBUS) +5V	6	USB DP
2	RS232 Tx	7	SAMBA BOOT
3	RS232 Rx	8	OSD Tx
4	GND	9	OSD Rx
5	USB DM	10	GND

2).Cable - (User Define -- HSK6100801B-0280)

(1) RS232 TYPE (DSUB-9PIN AND A1257H00-10P)



- A1257H00-10P-10/JWT (Connection -- This Module)

Pin No.	Description	Pin No.	Description
10	NC/5Vdc	5	NC
9	RS232 Tx	4	NC
8	RS232 Rx	3	NC
7	NC	2	NC
6	GND	1	GND

- 51004-03 (Connection -- for Power)

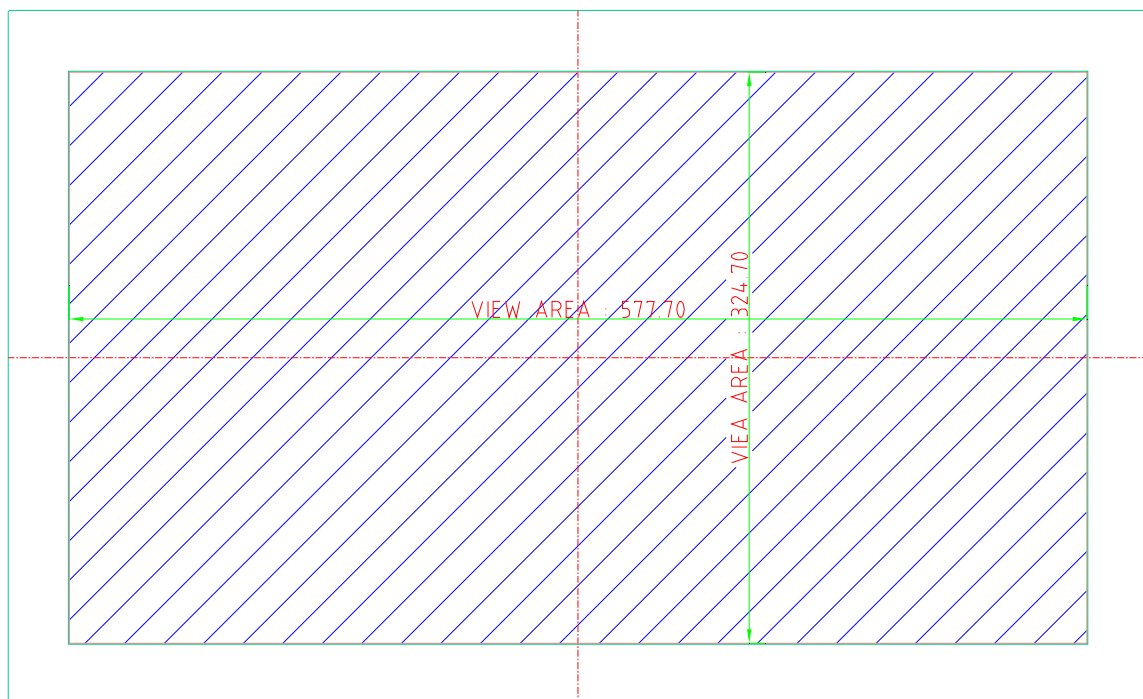
Pin No.	Description
1	NC
2	GND
3	Vcc - 5Vdc

- 51004-05 (Connection -- for Communication (Rs232C))

Pin No.	Description
1	Rx
2	Tx
3	NC
4	NC
5	GND

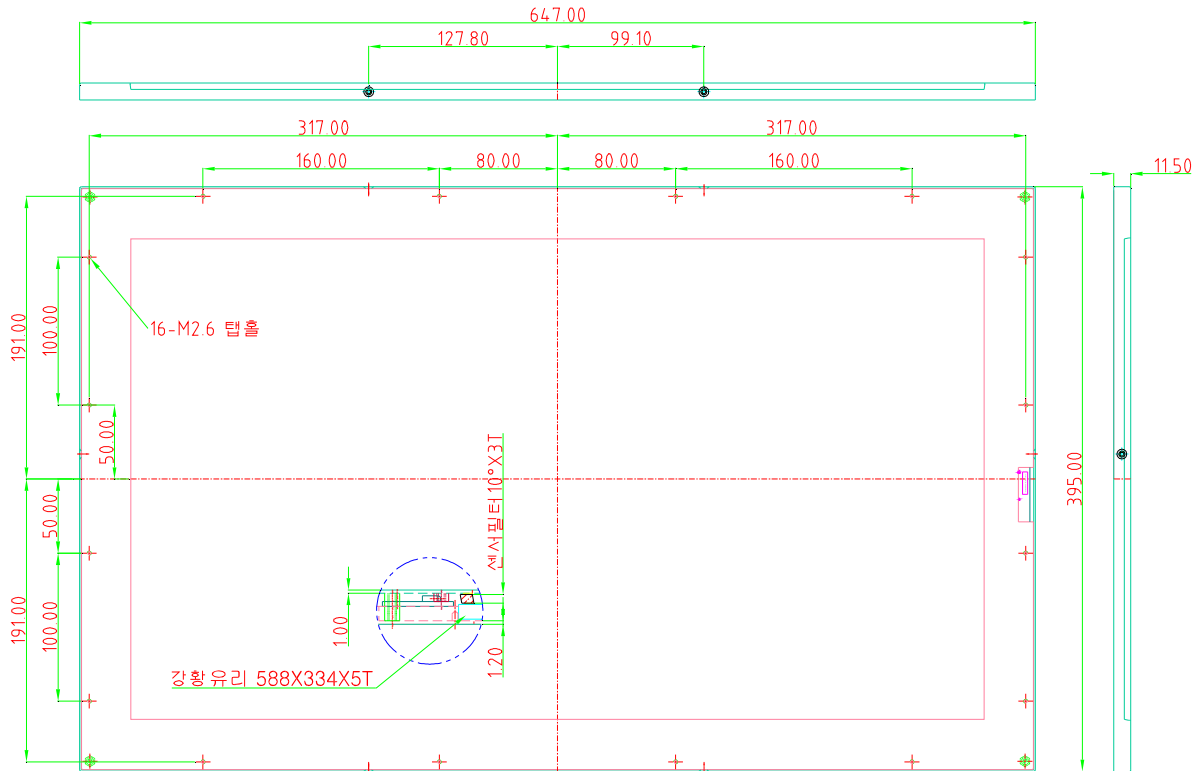
4. Dimension & View

4.1 Front View



26" IR 터치 모듈 FRONT VIEW
#1_2011 9 29

4.2 Rear View



26" IR 터치 모듈 REAR VIEW
#1_2011 9 29

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.