



萬達光電科技股份有限公司

HIGGSTEC INC.

PRODUCT SPECIFICATIONS

Customer :

Model : COM-R5W-HT271-2210-R

Mode : 5 wires resistive serial controller

Date : Mar. 07, 2006

Version : 1.1

Customer Approval

HIGGSTEC INCORPORATED

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Approve	Review	Preparation
Henry	Andy	Vicky

OVERVIEW

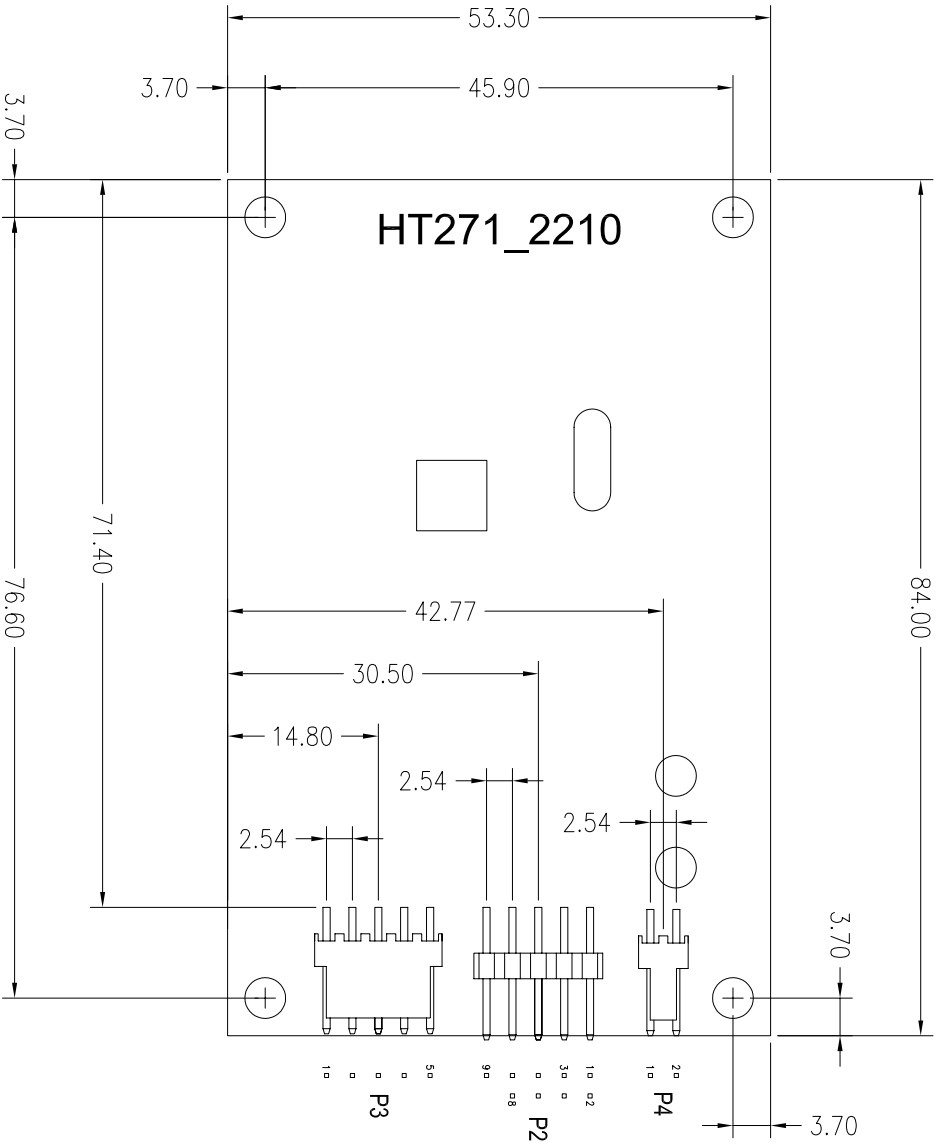
The touchscreen controller provides the optimistic performance for 5-wire analog resistive touch panels. It communicates with PC system directly through RS-232 port . The touchscreen device driver emulates mouse left and right button.

HARDWARE SPECIFICATIONS

Circuit Board Dimension	84.00 mmx 53.30 mm
Power Requirements	+5VDC (Maximum 150mA, typical current depend on specified panel, 50mV peak to peak maximum ripple)
Operation Temperature	0 to 60 °C
Storage Tempeture	-40 to 80 °C
Relative Humidity	95% at 60 °C
Protocal	9600 BPS baudrate, 1 Start bit, 8 Data bits, None parity, 1 Stop bit (Maximum 19200 BPS baudrate)
Resolution	Sample 4096X4096 (12Bits)
Report Rate	Maximum 192 PPS (Point per Second)
Pin Out Definition	RT, RL, SG, LT, LL
Panel Requirements	Capacitive 80 nF (max.), Resistance 30 to 500 Ohm (pin to pin on drive layer)

SOFTWARE SUPPORTS

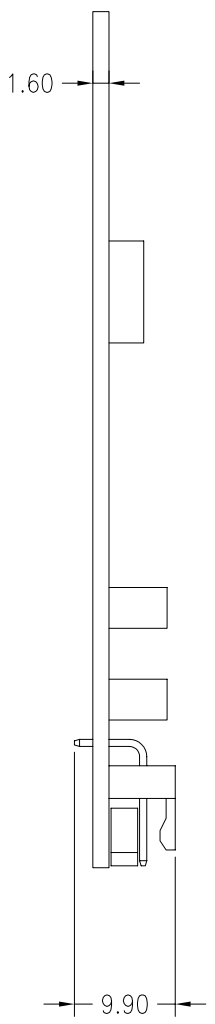
The touchscreen device driver supports operation systems, including MS-DOS, Windows 3.1, Windows 95, Windows 98, Windows ME, Windows NT 4.0, Windows 2000, Windows XP, Windows XP embedded, Windows CE, Windows server 2003, RedHat/Mandrake Linux series.



P4	
PIN NO.	DESIGNATION
1	Vcc
2	GND

P2	
PIN NO.	DESIGNATION
1	PC_DCD
2	PC_DSR
3	PC_RXD
4	PC_RTS
5	PC_TXD
6	PC_CTS
7	PC_DTR
8	-
9	GND

P3	
PIN NO.	DESIGNATION
1	RT
2	RL
3	SG
4	LT
5	LL



DESCRIPTION	SW, Internal, Serial	DATE	MAR.12, 2007	APPROVED		Rev.	B
MODEL	HT271_2210	SCALE	-/-	DESIGN		Page	of
PART NO.		UNIT	mm.	DRAWING	<i>Garud</i>	B-Page	of