

Version	Date	Information Source	Update Details
1.0	2011-06-08	Wake Huo	compile

Infrared Type Touch Panel

Technical Specification

1 . Characteristics

is the low profile touch panel that is designed to easily fit in a LCD monitor.

Corresponding Indication Device	17 .1 inches LCD monitor
Outline Dimension	376.2mm±1.0(W) x 308.2mm±1.0(D) x 6.8mm±0.5(H)
Detection Form	Infrared rays interception detection form
Panel Opening	340.3mm (W) x 272.3mm (D)
Active Area	340.3mm (W) x 272.3mm (D)
Glass	3.0(+0.3,-0.1)mm toughened glass
TOP Shell	Polycarbonate
Bottom Shell	Stainless steel
Resolution	4096(W) × 4096(D)
Detection Pace	3.175mm×3.175mm
Output Format	Coordinate output
Number of Optical Elements	54(W) × 43(D)
Optical Element Pace	6.35mm
Minimum Stylus Size	8mm
Cable Length	300mm (+50,-0)
Agency Approval	CE, FCC

2. Specifications

Electricity Specifications

Scan periods		≥50Hz
USB1.1	Connector type	A type
	Transfer speed	1.5Mbps
	Signal	+5V,D-,D+,GND
	Connector	USB A PORT connector for cable
Temperature range		Operating -25~70℃ (Temperature slope25℃/Hr less than)
		Storage -40~85℃ (Temperature slope25℃/Hr less than)
Humidity		Operating 0%-85%, noncondensing
		Storage 0%-95% , noncondensing
ESD		Contact discharge voltage is 4KV,air discharge voltage is 8KV
Power supply		DC+5V max200mA the following average 160mA
How to supply it		From USB port of PC
Use connector		For the flat cable 4pin USB/M

Software Specifications

Item	Contents
Scanning Form	Auto Start, Always Scanning
Movement Mode	Input Point, Finishing Point, Following, Continuous Detection
Resolution Noh play	4096 (X) * 4096 (Y)
Output form	Coordinate output

3. Panel opening Area and Detection coordinate

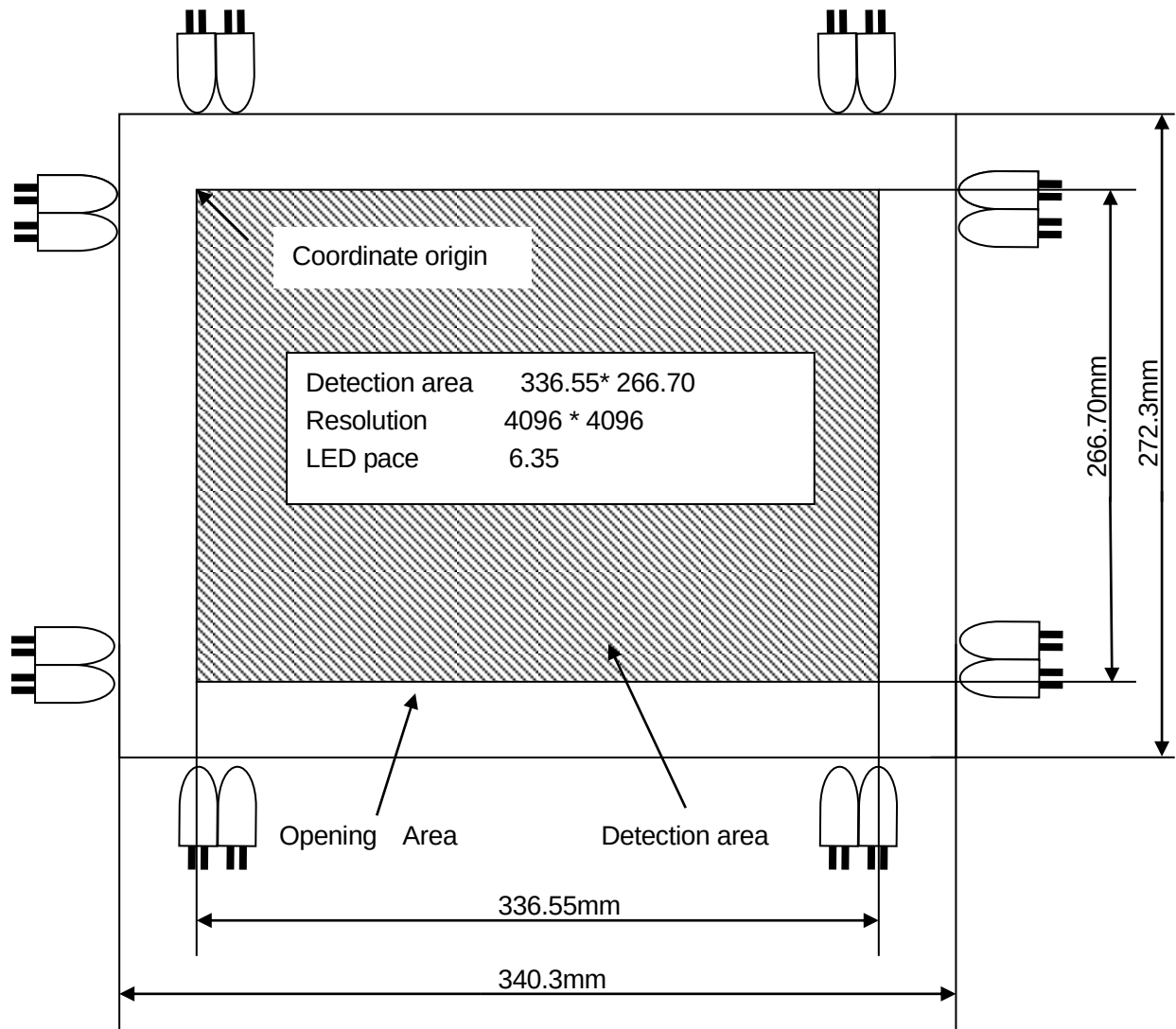


FIGURE 1

4. Dimensional Drawing

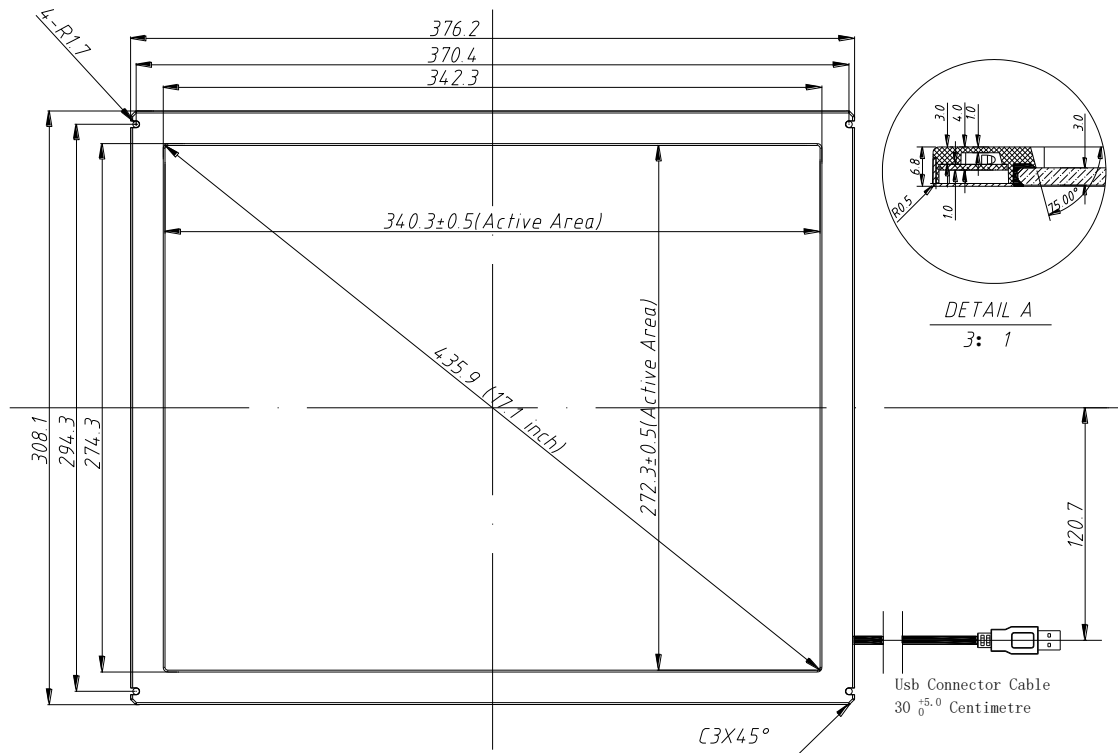


FIGURE 2

5. Connector

USB connector, as illustrated below:

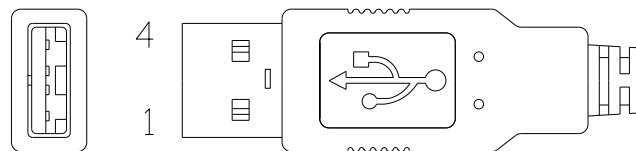


FIGURE 3

Number	Signal name	Direction
1	+5V	
2	D-	
3	D+	
4	GND	

6. ROHS COMPLIANCE

is RoHS compliant.