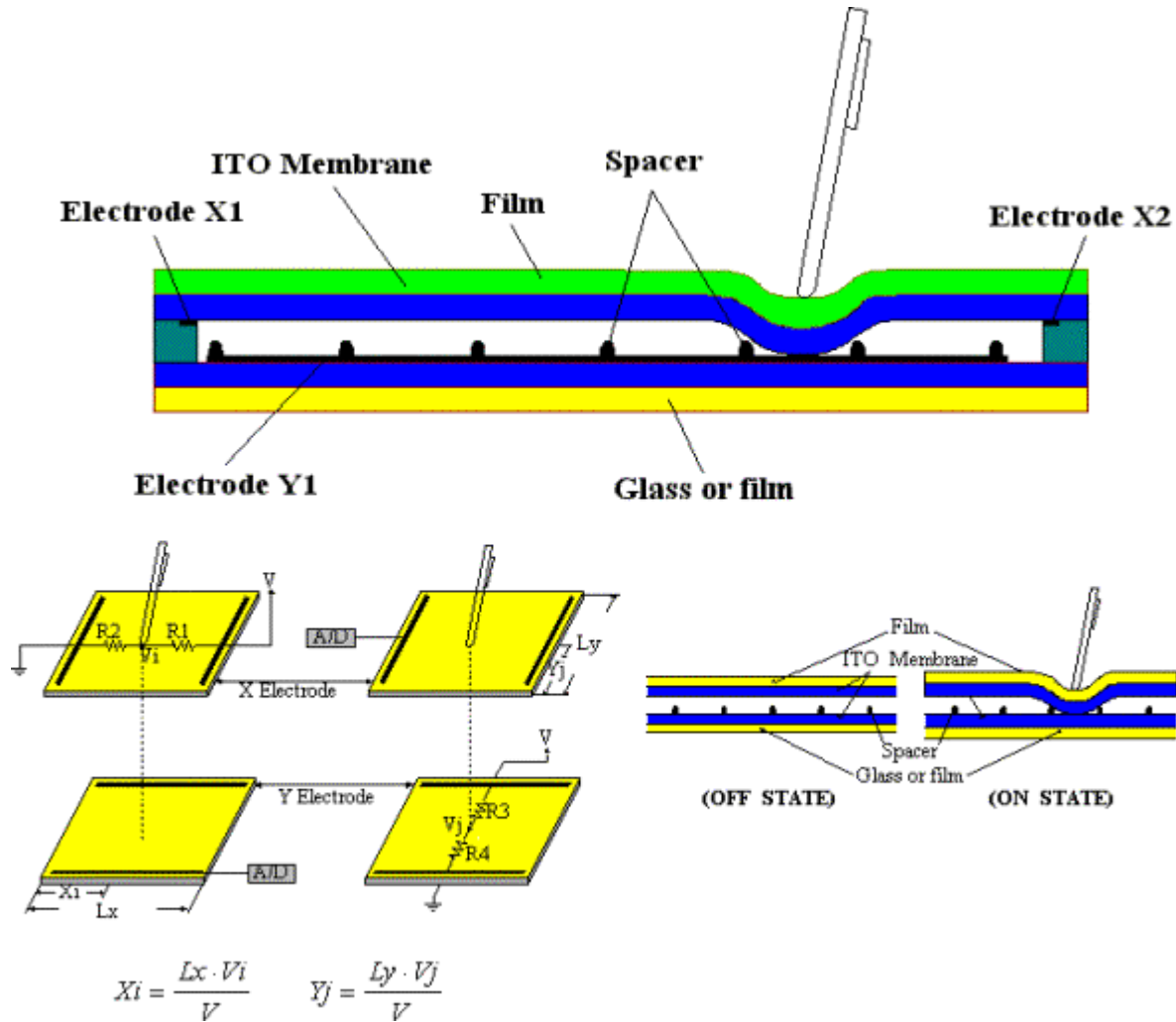
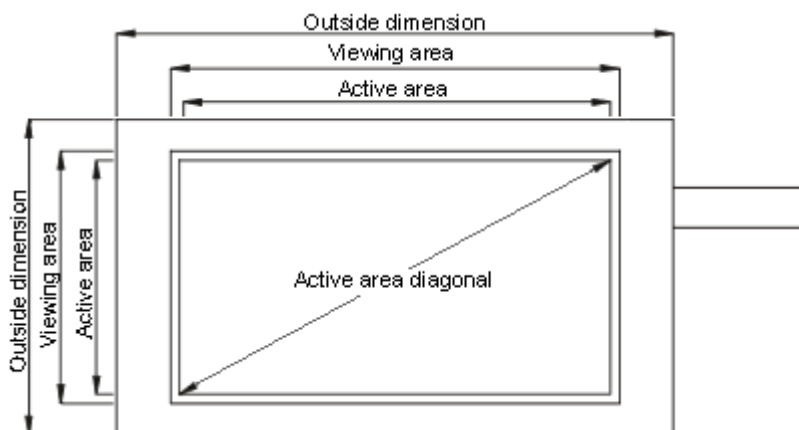


Resistive Analog Touch-screen Panel

Working Theory of Analog Touch Panel



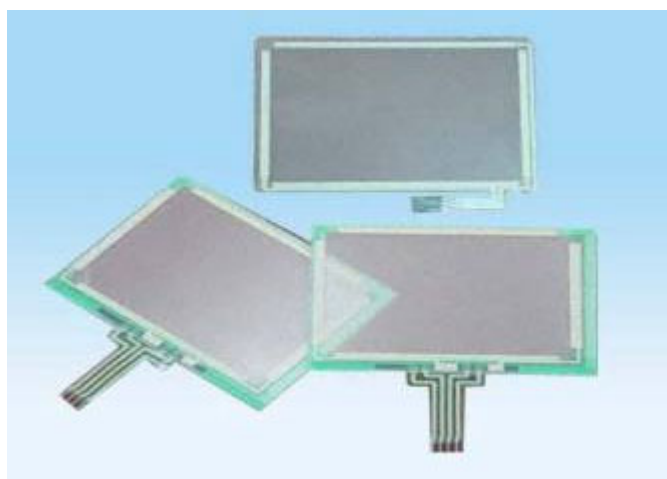
When finger touches the panel, two ITO membrane are conducted at contacts, controller of touch panel will calculate coordinate (Xi,Yj) of contact according to the above formula and sends the signal to CPU; then, CPU will operate according to mode of analog mouse.



Technical Parameter

Sort	Name	Specification	Testing Condition
Electric Feature	Voltage	$\leq 5V$	
	Linearity	$\leq 1.5\%$	
	Insulation Resistance	$\geq 20M\Omega$	DC:25V
	Response Time	$\leq 10ms$	
Mechanical Feature	Dimension	$\pm 0.2MM$	
	Tolerance		
	Operating Pressure	$< 100g$	
	Pen Insert	5~60G	
	Finger Insert	5~100G	
	Surface Hardness	$\geq 2H$	
	Service Life	1,000,000 times	
Optical Feature	Penetrability	$> 80\%$	550nm (wavelength)
Environment and Durability	High Temperature	120Hr	80°C
	Low Temperature	120Hr	-40°C

High-temperature High-humidity	120Hr	60°C,90%RH
Operating Environment	-10°C~60°C,20%~ 90%RH	
Storing Environment	-20°C~70°C,0%~95%RH	



Touch Panel can be sorted into film-film type and film-glass type (including matrix type and analog type) according to different material.

Glass Thickness: 0.7mm,1.1mm,1.57mm,2.0mm, (1.3, 2.3, 3.0MM)

Plastic Film Thickness: 0.188mm (0.125, 0.175MM)

.Welcome to order various dimension of product, the following standard dimension is available:

Standard Dimension

Specification	Product NO	Dimension (mm)	Dimension of Visual District (mm)	Dimension of Driving District (mm)
2.8"	BT-0288-IN-W4R	70.00×55.00	62.00×48.50	55.60×44.50
3.8"	BT-0387-IN-W4R	87.00×69.30	79.25×60.50	77.30×57.60
5.8"	BT-0585-IN-W4R	138.00×108.00	118.00×89.00	116.00×87.00
6.5"	BT-0657-IN-W4R	156.00×120.00	136.00×100.00	134.00×98.00
7.6"	BT-0765-IN-W4R	182.00×138.00	156.00×120.00	152.00×116.00

8.4"	BT-0846-IN-W4R	208.00×152.00	176.00×133.00	171.00×128.00
9.4"	BT-0945-IN-W4R	226.00×171.00	198.00×150.00	194.00×146.00
10.4"	BT-1044-IN-W4R	237.00×180.00	216.00×164.00	212.00×159.40
12.1"	BT-1215-IN-W4R	271.00×205.00	253.00×191.00	246.00×183.00
13.8"	BT-1386-IN-W4R	318.00×246.00	278.00×209.00	273.00×203.00
15"	BT-1503-IN-W4R	330.00×255.00	311.00×234.00	303.00×226.00
	BT-1503-IN-W4R-B	320.00×243.00	300.00×220.00	285.00×216.00
17"	BT-1701-IN-W4R	362.00×278.00	340.00×260.00	323.00×248.00
2.0" -3.9" "			51.00×35.00	
			56.50×38.80	
			50.60×63.90	
			74.60×56.10	
			64.80×65.60	
			72.90×54.70	
			67.50×66.00	
			62.50×86.00	
			67.00×85.30	
			67.50×86.00	
			87.30×69.30	
			89.40×69.40	
			93.80×75.10	

Feature:

* Adopt reinforced glass as base material; hardening and wearing-resistant process of surface.

* 12-bit ADC(AD converting controller), with resolution of 4096*4096.

* Options: MS-DOS,WINDOWS3.X,

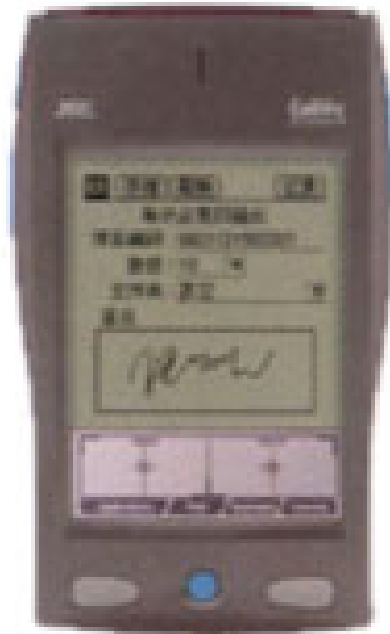
WINDOWS95/98/2000,WINDOWS NT

* Provide RS-232(bidirectional) and PS/2 communication interface.

Analog Type

Feature: Superthin, high penetrability, long service life.

Use: 1. Palm computer, PDA.



2. Stock information machine, information machine, other palm terminal.

