

GENERAL INFORMATION

(PRELIMINARY INFORMATION)

DESCRIPTION :

Capacitive Touch screen for wide temperature range in sizes from 5.8" up to 31.8". 3" announced for May 2010.

Systems Performance

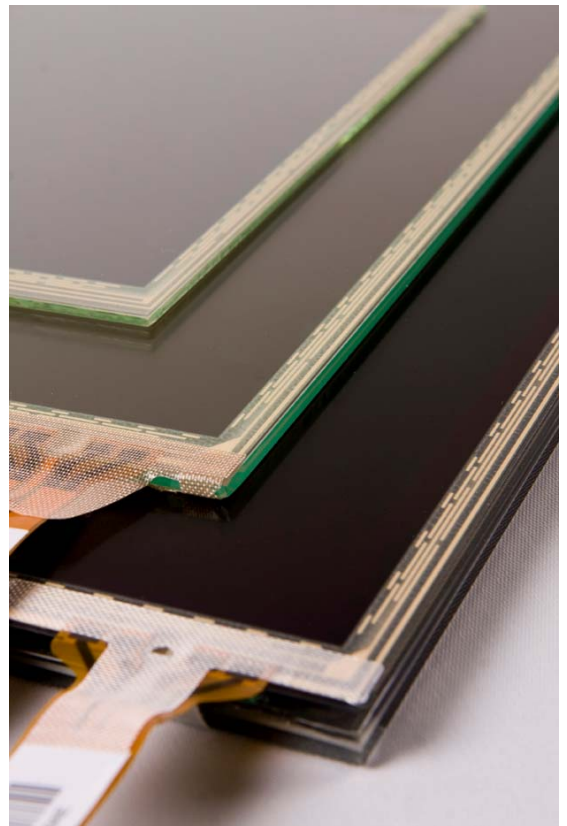
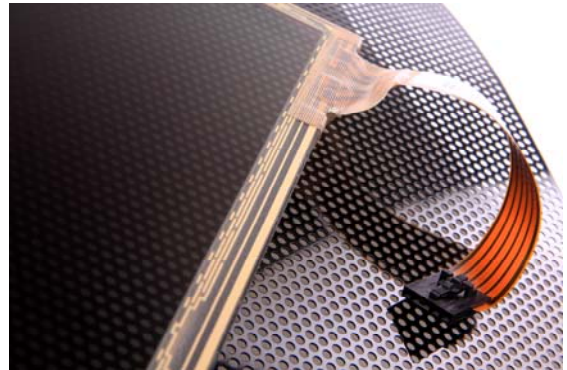
Light Transmission	90~95%
Input Method	Finger contact
Accuracy	max +/- 1%
Resolution	2048*2048 pixel

Electronics (Controller)

Communication	RS 232 / USB
Dimensions	2.48" x 1.29" 0,349" 62.0 x 33.0 x 10 mm
Operating temperature	-40~+85°C
Storage temperature	-40~+85°C
Operating current	55mA (typ)
Power connection	RS232 / USB (5V)
ESD	+/- 27KV Air, +/- 8KV Contact
Point Speed	max. 180 points/sec.
Minimum Touch Time	max. 25msec.
MTBF	approx. 250,000 hrs.

Reliability

Surface Obstruction	The touch screen continues to operate with surface contaminants such as dirt, dust and grease
Chemical Resistance	ASTM F1598-95
Liquid Resistance	Liquids on screen do not impede touch screen performance
Operating Temperature	-40~+85°C
Storage Temperature	-40~+85°C
Humidity	60°C / 93+/-2% / 240hrs



Power Systems – The Power Solution

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# TOUCH SCREEN

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### Operating Systems Supported

Windows 7  
 Windows Vista / XP / 2000 / Server 2003  
 Windows 95 / 98 / ME / NT4 / XP Tablet PC edition  
 Windows CE 2.12 / 3.0 / .net (4.0, 5.0, 6.0)  
 Linux (up to Kernel 2.6)  
 MS-DOS: support display resolution: 320x200  
 640x200, 640x350, 640x480, 800x600, 1024x768,  
 1280x1024  
 iMac 9.0 / OS X (Power PC, Intel PCU)  
 QNX

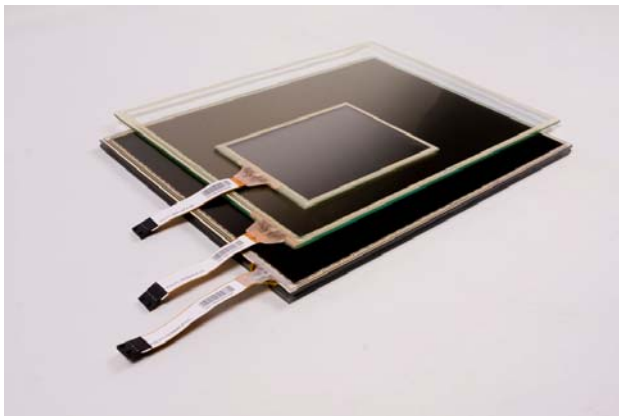


### Mechanical

Glass Thickness 1.8 ~ 2.8mm (depends on size)  
 Display Size 5.8 ~ 31.8 (our standard size)  
 Scratch Resistance More than 9H per ASTM-D3363  
 Sealing / Gasketing Touch screen is water-proof itself It depends on method of assembly to ensure a whole system to be water-proof  
 Cleaning Water, isopropyl alcohol or simelar non-abrasive cleaners  
 RoHs Directive RoHS compliant

### Available Sizes

Display Size	Part number	4:3	16:9
5,8"	F1-05811APA-G0	X	
6,8"	F1-06811APA-G0	X	
7,3"	W1-07311APA-G0		X
8,5"	F1-08511APA-G0	X	
10,8"	F1-10841APA-G0	X	
10,8"	F1-10822APA-N0	X	
12,4"	F1-12422APA-N0	X	
12,4"	W1-12432APA-N0		X
15,7"	F1-15722APA-N0	X	
15,7"	W1-15752APA-N0		X
17,1"	W1-17112APA-N0		X
17,5"	F1-17522APA-N0	X	
18,4"	F1-18412APA-N0	X	
19,0 (18,5)"	W1-19022APA-N0		X
19,4"	F1-19412APA-N0	X	
19,4"	W1-19432APA-N0		X
19,8"	F1-19812APA-G0	X	
20,3"	W1-20312APA-G0		X
22 (21,6)"	W1-22012APA-G0		X
22,4"	W1-22412APA-G0		X
26,3"	W1-26312APA-G0		X
31,8"	W1-31812APA-G0		X



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