

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

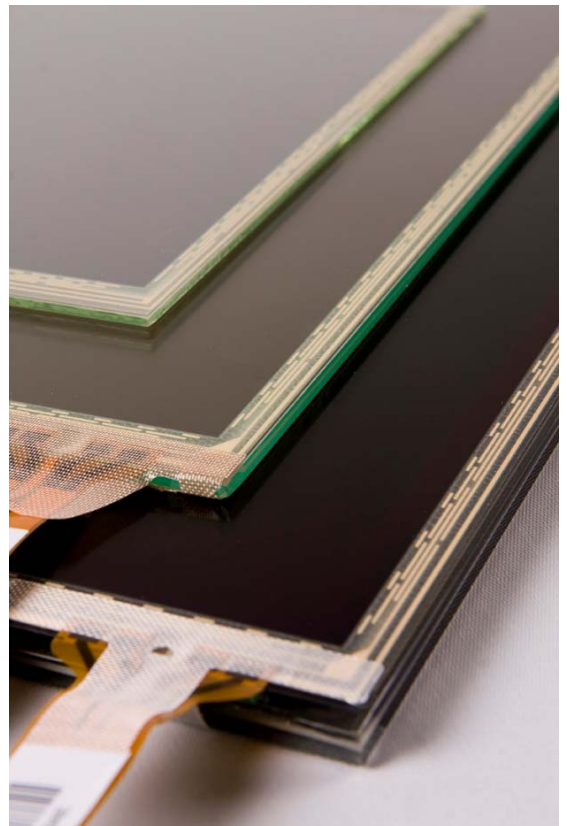
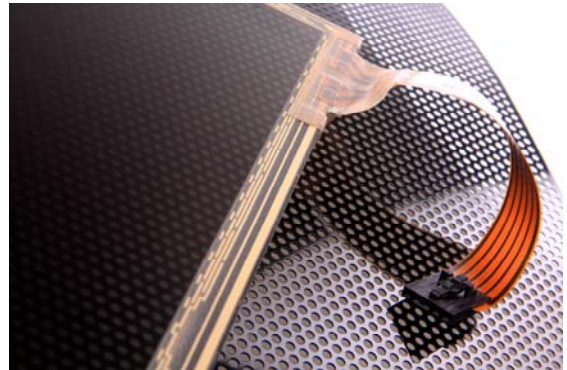
Light Transmission	90~95%
Input Method	Finger contact
Accuracy	max +/- 1%
Resolution	2048*2048 pixel

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

Web: www.Power-Systems.de
Email: Info@Power-Systems.de

Address: Hauptstraße 48 ; 74360 Ilsfeld-Auenstein / Germany
Tel. : + 49 / 70 62 / 67 59 - 6
Fax: + 49 / 70 62 / 67 59 - 800

TOUCH SCREEN

GENERAL INFORMATION

(PRELIMINARY INFORMATION)

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

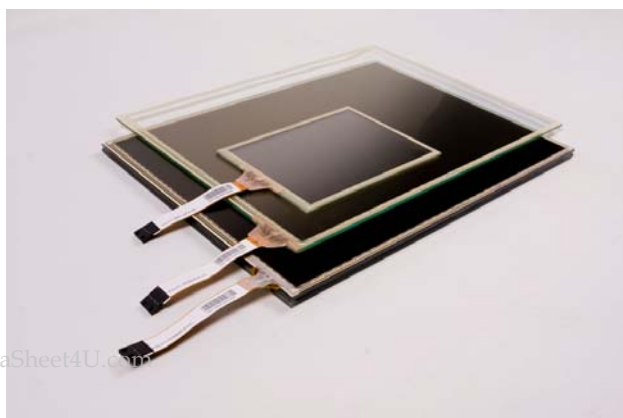


Mechanical

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 similar 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



Power Systems – The Power Solution

Web: www.Power-Systems.de
 Email: Info@Power-Systems.de

Address: Hauptstraße 48 ; 74360 Ilsfeld-Auenstein / Germany
 Tel. : + 49 / 70 62 / 67 59 - 6
 Fax: + 49 / 70 62 / 67 59 - 800