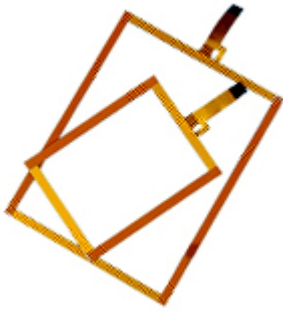




Capacitive Touch Screen

•How it works



A Capacitive Touch Screen is an all-glass touch screen with a double sided transparent conductive coating on the top surface. There is an electrode pattern printed along the edges of the glass, which distribute a low voltage field over the conductive layer. When a finger or conductive stylus touches the screen a minute amount of current is drawn to that point of contact creating a voltage drop. The current flow from each corner is proportional to the distance to the touch point. The X and Y locations of the point of contact are calculated by the touch controller and are transmitted to the host computer.

•Specification

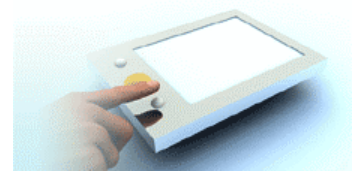
Circuit Rating	5VDC @ 35mA
Light Transmission	>90%
Surface Hardness	6H
Life Expectancy	> 225 million touches on a single point
Resolution	4096 x 4096
Contact Bounce	<3ms
Linearity	1.5% (<1.0% by Request)
Operating Force	N/A
Operating Temperature	-15°C ~ +70°C
Storage Temperature	-15°C ~ +70°C

•Highlights & Benefits

- Large range of sizes 6.5" diagonal through to 21.0" diagonal incorporating all the popular display sizes in between.
- Superior durability and reliability, the touch can withstand a high concentrate of contaminants such as dust, dirt, grease, water and harsh chemicals. .
- FPC has lower resistance and is more flexible than PET or ITO film used by our competitors.
- Excellent optical and responsive performance, fast light touches easily recognized.
- Controller Boards for Serial RS-232C and USB interfaces including full cabling connections and windows driver software.
- Compatibility with 3M-Microtouch controllers.



Craft Data Limited
 92 Broad Street, Chesham
 Bucks, HP5 3ED, United Kingdom
 ☎ 01494 778235 📠 01494 773645
 ✉ sales@craftdata.co.uk 🌐 www.craftdata.co.uk



●Standard Models

Model No.	Spec.	External Dimension	View Area Dimension	Active Area Dimension
EE-0657-IN-W5C	6.5"ln	156.00x120.00 mm 6.14"x4.72"	136.00x100.00 mm 5.35"x3.94"	134.00x98.00 mm 5.28"x3.86"
EE-0846-IN-W5C	8.4"ln	191.00x149.60 mm 7.52"x5.89"	177.50x136.19 mm 6.99"x5.36"	166.85x128.02 mm 6.57"x5.04"
EE-1044-IN-W5C	10.4"ln	236.22x182.88 mm 9.3"x7.2"	218.19x164.85 mm 8.59"x6.49"	204.98x154.94 mm 8.07"x6.1"
EE-1215-IN-W5C	12.1"ln	265.43x201.93mm 10.45"x7.95"	247.42x183.74mm 9.74"x7.23"	233.36x173.67mm 9.19"x6.84"
EE-1503-IN-W5C-B	15"ln	330.00x255.00 mm 12.99"x10.4"	310.00x235.00 mm 12.2"x9.25"	305.00x228.00 mm 12.01"x8.98"
EE-1701-IN-W5C	17"ln	387.35x314.96 mm 15.25"x12.40"	360.17x287.78 mm 13.39"x10.24"	320.00x238.00 mm 12.60"x9.37"
EE-1818-IN-W5C	18.1"ln	388.00x313.00 mm 15.28"x12.32"	363.00x291.00 mm 14.18"x11.33"	339.60x271.53 mm 13.37"x10.69"
EE-2106-IN-W5C	21"ln	436.88x336.30 mm 17.20"x13.24"	426.47x324.61 mm 16.79"x12.78"	402.34x306.58 mm 15.84"x12.07"



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