

Capacitive Touch Screens



**At 92% of light transmission
view is almost crystal clear!**

Product Features

- Outstanding light transmission of 90% (+/-2%)
- Maximum resolution up to 2048 x 2048 dpi
- Accuracy of 1.0% based on diagonal dimensions
- Indoor/Outdoor applications
- Chemical Resistant
- More than 250 million hits with no degradation

PanJit Touch Screens, a worldwide leader in resistive Touch Screens proudly introduces to the market Capacitive Touch Screens with superior optical characteristics, accuracy and reliability, under harsh environmental conditions, with an outstanding surface durability exceeding 250 millions touches without degradation.

Capacitive Touch Screens from PanJit paired with our TouchSet™ Touch Screen Controllers, offering a One-Stop solution for your new and existing application needs.

Specifications

All dimension are in mm

| P/N | Drawing | Size | OD | VA | AA | FPC | Connector Type |
|-----------|---------------|--------|---------------|---------------|---------------|--------|----------------|
| 064C01A1* | M064C01-D01.1 | 6.71" | 152.70X115.06 | 137.21X101.09 | 129.92X95.99 | 108.46 | Standard |
| 064C01A2* | M064C01-D02.1 | 6.71" | 152.70X115.06 | 137.21X101.09 | 129.92X95.99 | 108.46 | Latching |
| 082C01A1* | M082C01-D01.1 | 8.75" | 194.31X146.05 | 178.82X132.08 | 169.04X125.12 | 108.46 | Standard |
| 082C01A2* | M082C01-D02.1 | 8.75" | 194.31X146.05 | 178.82X132.08 | 169.04X125.12 | 108.46 | Latching |
| 102C01A1* | M102C01-D02.1 | 10.83" | 233.68X180.34 | 217.94X167.9 | 205.74X158.75 | 108.46 | Standard |
| 102C01A2* | M102C01-D02.1 | 10.83" | 233.68X180.34 | 217.94X167.9 | 205.74X158.75 | 108.46 | Latching |
| 1171C01A1 | S117C1-D01.1 | 12.31" | 265.51X203.20 | 250.01X191.01 | 235.97X180.49 | 108.46 | Standard |
| 1171C01A2 | S117C1-D01.2 | 12.31" | 265.51X203.20 | 250.01X191.01 | 235.97X180.49 | 108.46 | Latching |
| 148C01A1 | S148C1-D01.1 | 15.68" | 330.2X254. | 316.48X241.81 | 298.45X228.25 | 108.46 | Standard |
| 148C01A2 | S148C1-D01.2 | 15.68" | 330.2X254. | 316.48X241.81 | 298.45X228.25 | 108.46 | Latching |
| 165C01A1 | S165C1D-01.1 | 17.64" | 357.61X295.2 | 345.31X281.48 | 325.55X265.56 | 108.46 | Standard |
| 165C01A2 | S165C1-D01.2 | 17.64" | 357.61X295.2 | 345.31X281.48 | 325.55X265.56 | 108.46 | Latching |
| 186C01A1 | S186C1-D01.1 | 19.75" | 402.69X328.5 | 390.5X314.78 | 368.02X296.85 | 108.46 | Standard |
| 186C01A2 | S186C1-D01.2 | 19.75" | 402.69X328.5 | 390.5X314.78 | 368.02X296.85 | 108.46 | Latching |

Transparency: 90%

Thickness: 2.8mm

Glass: Strengthened

Surface: AG

* Available Q3 2009

Mechanical

Glass Thickness

Available Sizes

2.8mm

6.71", 8.75", 10.83", 12.31", 15.68",
17.64" and 19.75"

Electrical

Wire Type

5-Wire

Touching Characteristics

Position Accuracy

±1.0% Based on the diagonal dimension

Resolution

2048 x 2048 dpi based on controller resolution

Input Method

Finger

Optical

Light Transmission

90% ±2% Per ASTM D1003

Type

Anti-Glare

Environmental

Temperature Range

Operating: -20°C to +70°C

Storage: -40°C to +85°C

Relative Humidity
Chemical Resistance

Operating: Max 90%RH (Non-Condensing) up to +60°C
Per ASTM -D- 1308 (1993) and ASTM-F-1958-95

Durability

Surface Hardness

7H and above per JIS-K-5400

Life (Hitting)

>250 Million hits with no degradation

Surface Scratch Harness

Exceeds severe abrasion test per MIL-C-675-C