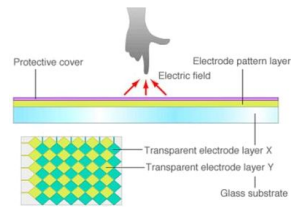




Elevation

12.1' / 19' / 21.5' Pcap (projected capacitive) Touch Kit for integration into industrial displays. Multi-touch system with 5 or more touches, specially designed for interactive applications. USB connection. Includes 4 mm glass.



TECHNICAL SPECIFICATIONS

OTHER TECHNICAL DATA

ASSEMBLY

**Direct Importer:** Grupo EOS Ibérica SA

**Structure:** G+G.  
**Touch points:** Touch from 1-10 points.  
**Surface hardness:** >6H.  
**Transmittance:** >85%.  
**Cover glass thickness:** 1.1-20 mm.  
**Interface:** USB.  
**Certificates:** CE/FCC/RoHS/ISO9001/ISO14001.  
**Operating System:** Windows XP /7/8/10, Android, Linux, Mac.

Based on capacitive sensors, they consist of an electrically insulating layer, such as glass, coated with a transparent conductor, such as ITO (tin-doped indium oxide). As the human body is also an electrical conductor, contact with the display surface generates a distortion of the electrostatic field of the display, which is measured through the change in capacitance (electrical capacitance).

Different technologies can be used to determine at which position on the screen the touch was made. The position is sent to the controller for processing.

In this type of display, the image has a higher quality, the response is better, and some allow the use of several fingers at the same time (multitouch). However, they are more expensive and cannot be used with the usual stylus, but with a special stylus for capacitive screens.



OPTIONS

Different size depending on the monitor where it will be integrated. Check your active area.

**12.1' touch:**  
 External: 234.5(W)\*296(L) ±0.2mm  
 Active Area: 186.5(W)\*248(L)±0.2mm  
**19' Touch:**  
 Externas: 291.30(W)\*444.40(L)±0.3mm  
 Active Area: 257.50(W)\*411.40(L)±0.3mm  
**21.5' Touch:**  
 Externas: 308.11(W)\*516.64(L)±0.3mm  
 Active Area: 269.11(W)\*477.64(L)±0.3mm

MOST COMMON APPLICATIONS

- > Mobile devices.
- > Interactive kiosks.
- > HMI screens.
- > Automation devices.

PRODUCT VALUES

- > High resolution.
- > Easy to install on a monitor.
- > High accuracy.
- > Better user experience.

SOME SUCCESS STORIES

- > Panel displays for industry.
- > Unattended kiosks.

ALTERNATIVE REFERENCES

- > Resistive touchscreens.
- > Infrared touchscreens.

CERTIFICATIONS



CONNECTIONS

DIMENSIONS

