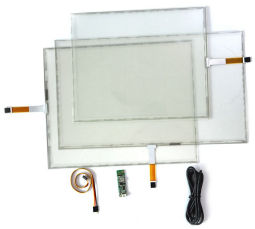
eWR 5

RESISTIVE TOUCH

Serie Touch

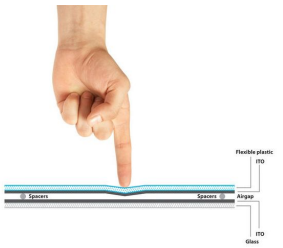
Touch screen kit

Industrial Components



Elevation

Touch Kit 17‘ / 19’ / 22’ resistive (membrane) technology for integration into industrial displays and converting them into touch screens.
One-touch touch system, specially designed for basic interactive applications or single touch navigation. USB connection.
Can be attached to the screen with some kind of double-sided tape or similar product.



TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Type of contact: Finger or pencil.
Temperature: -10℃~70℃.
Transparency: 80%↑.
Linear: 1.0%.
Hardness: 3H.
Operating strength: ＜50g.
Tensile test: 100,000 times.
Shock Test: 35,000,000 times.
Various customizable sizes: 5~26.
Glass substrate: 1.1 / 1.8 / 2.8 mm.

OTHER TECHNICAL DATA

The technology of resistive displays consists of two layers. When you press on the screen, these two layers come into contact with each other, causing a change in the electrical current that detects the touch.

The touch screen itself consists of two layers of transparent conductive material, with a certain resistance to the electric current, and with a gap between the two layers. When the outer layer is touched, contact is made between the two conductive layers. An electronic system detects the contact and by measuring the resistance can calculate the point of contact.

Resistive touch screens have the advantage that **they can be used with any object**, a finger, a stylus, a finger with gloves, etc. They are inexpensive, reliable and versatile. On the other hand, by using several layers of transparent material on the screen itself, a lot of brightness is lost. On the other hand, the conductive treatment of the touch screen is sensitive to ultraviolet light, so that over time it degrades and loses flexibility and transparency.

ASSEMBLY

OPTIONS

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

17’ touch screen:
External: 355 x 290 mm
Active Area: 335 x 270 mm
19’ touchscreen:
External: 425 x 271 mm
Active Area: 410 x 257 mm
22’ touchscreen:
External: 490 x 310 mm
Active Area: 474 x 295 mm

MOST COMMON APPLICATIONS

> Interactive kiosks
> POS terminals
> HMI displays
> Automation devices

PRODUCT VALUES

> Low power consumption
> Easy to install on a monitor
> Easy calibration with the help of drivers
> Low cost

SOME SUCCESS STORIES

> Panel displays for industry
> Unattended kiosks

ALTERNATIVE REFERENCES

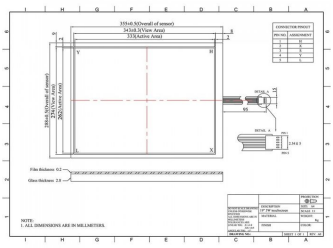
> Capacitive touch panels
> Infrared touchscreens

CERTIFICATIONS

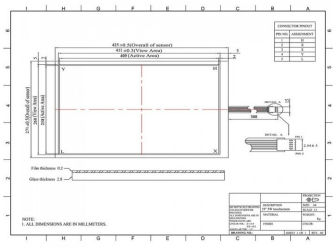
CONEXIONES

DIMENSIONES

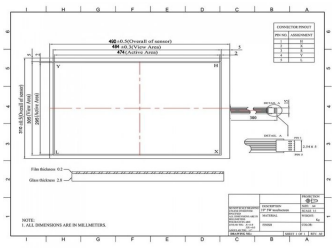
Plano 17”



Plano 19”



Plano 22”



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