eCAP 6OUT

CAPACITIVE TOUCH

eos ibérica

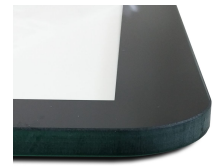| Touch Series	Outdoor touch kit	Industrial Components

Elevation

10.4' / 12.1' / 17' / 19' / 21.5' Pcap (projected capacitive) Touch Kit for integration into industrial displays and better prepared for vandalism due to its 6 mm thick glass.

Operates in water / rain environments with the use of a suitable controller (optional).

Multi-touch system with 5 or more touches, specially designed for interactive applications. USB connection.

Thickness 6mm

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Structure: G+G
Touch points: 1-10 touch 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

OTHER TECHNICAL DATA

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.

ASSEMBLY

OPTIONS

10.4' touchscreen:
External: 252 x 200 mm.
Active Area: 211 x 158 mm.
12.1' touchscreen:
External: 296 x 234 mm.
Active area: 246 x 184 mm.
17' touchscreen:
External: 379 x 311 mm.
Active area: 338 x 270 mm.
19' touchscreen:
External: 449 x 298 mm.
Active area: 408 x 255 mm.
21.5' touchscreen:
External: 538 x 329 mm.
Active area: 477 x 268 mm.

MOST COMMON APPLICATIONS

> Outdoor interactive kiosks.
> Unattended terminals.
> HMI displays.
> Automation devices.

PRODUCT VALUES

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

SOME SUCCESS STORIES

> Self-pay kiosks.
> Unattended kiosks.

ALTERNATIVE REFERENCES

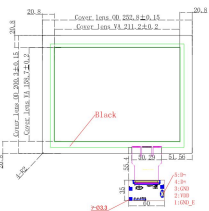> Resistive touchscreens.
> Infrared touchscreens.

CERTIFICATIONS
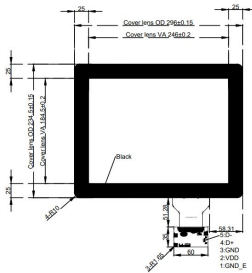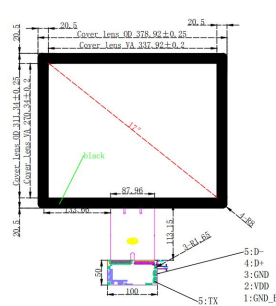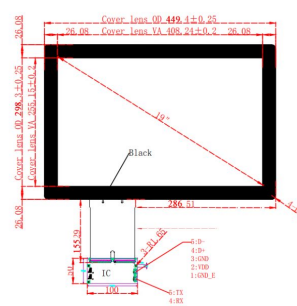
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DIMENSIONS

Flat 10.4"

Flat 12.1"

Flat 17"

Flat 19"

Flat 21.5"