



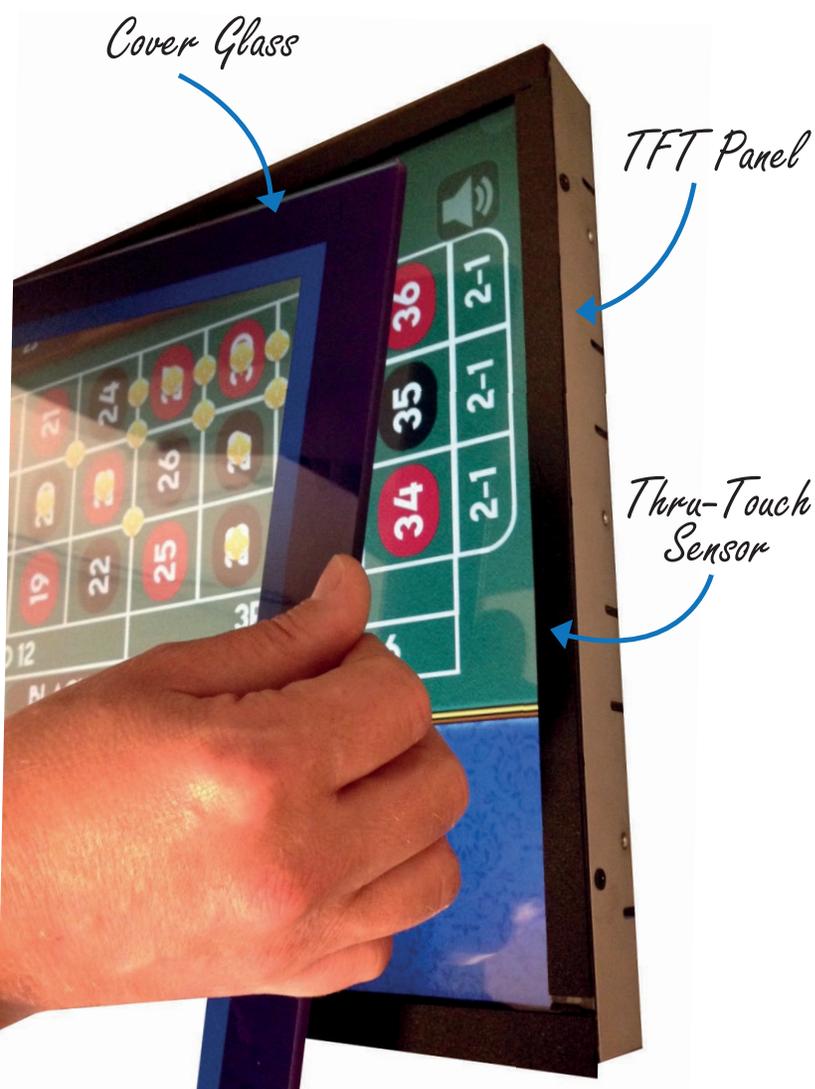
THRU-TOUCH



Features

- Fully protected touch sensor
- Projective Capacitive Touch Sensor
- Up-to 10 Touch Points
- Sensor Thickness between 2mm to 3mm
- Touch Projection through 6mm cover / 2mm air gap
- 9 Point touch calibration tool for maximum accuracy
- USB Firmware download tool
- Optimised Display settings
- Sensor structure Glass / Film / Film for maximum durability
- 12V input
- Supports Window / Linux / Android
- Option for detection of Palm on glass

Custom Cover Glass Design



Technical Data Sheet

Eurocoin **Thru-Touch** - a Projected Capacitive Touch Sensor (PCT) that delivers everything PCT had been promising, but could never quite deliver....

- Custom glass designs for machine manufacturers
- Resilience to damage on sites
- Easy, cost-effective maintenance

Thru-Touch provides all the standard performance and sleek looks as other high-end PCT solutions - 10 touch points, accuracy, high speed and edge-to-edge touch - but that's only the beginning...

The **Thru-Touch** sensor is fitted to the display panel as with conventional touch systems but...

...uniquely, can also project the touch interface to the user through an air-gap and protective cover glass.



Thru-Touch gives the OEM the option to customise the look and feel of the user touch interface by projecting the touch field through a protective top cover of either glass or acrylic. This enables innovative options for border designs, cover thickness and touch feel.

Thru-Touch penetrates cover layers of up to 5mm thick with an additional 2mm air-gap between sensor glass & cover glass. The air-gap area can be used to prevent impact shock transfer from the protective cover glass to the touch sensor and display. **Thru-Touch** is fitted with a 2.2mm chemically-treated toughened glass and is constructed from a Glass/Film/Film stack, providing maximum protection from impact to the screen area.

If the cover glass is damaged or broken, it's a quick & cost-effective exchange. No need to attach the **Thru-Touch** sensor to the protective cover layer...simply press the sensor into position behind the new cover glass and this replacement outer surface becomes the new active touch area.

Thru-Touch is fitted to the latest generation of Eurocoin industrial TFT display solutions to provide a bright, clear image and maximum performance. All units come fitted with advanced backlight controllers for superior image quality and performance



General Specifications

- Voltage 12v
- Operating Temp -20 to +60DegC
- DVI Input
- VGA Input
- Audio Input
- Projective Capacitive Touch
- Max 10 Touch Points
- Input Mode - Finger
- Structure Glass / Film / Film
- Sensor Thickness 2-3mm
- Air-Gap max 2mm
- Thru-Touch Cover Glass max 6mm
- Touch interface USB
- Supports windows / Linux / Android



Model Specifications

1280 x 1024 1920 x 1080 1920 x 1080 1920 x 1080 1920 x 1080

Size	19"	21.5"	23"	23.8"	27"
Aspect Ratio	5:4	16:9	16:9	16:9	16:9
Model Specifications	SH-0190	SH-0215	SH-0230	SH-0238	SH-0270
Outline Horizontal	420mm	498mm	535.8mm	545.4mm	632.6mm
Vertical	329mm	295.55mm	315mm	326.46mm	383mm
Depth	62mm	53.4mm	59.5mm	49.2mm	50.2mm
Viewable Area Horizontal	376.32mm	479mm	509.1mm	527.04mm	597.6mm
Vertical	301.06mm	267.8mm	286.4mm	296.46mm	336.1mm
Sensor Outline Horizontal	399mm	497.6mm	533.2mm	543.40mm	632.4mm
Vertical	329mm	295.1mm	312mm	323.86mm	383mm
Viewing angle R/L	178	178	178	178	178
U/D	178	178	178	178	178
Luminance	250cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²	300cd/m ²
P/N 8mm with Air-Gap	31160442	31160443	31160444	31160445	31160446
P/N 3mm	31160447	31160448	31160449	31160450	31160451



All units are supplied complete with:

- PSU
- EU Power cable
- USB Cable A-B 1.8m
- VEA Cable 1.4m



THRU-TOUCH



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