

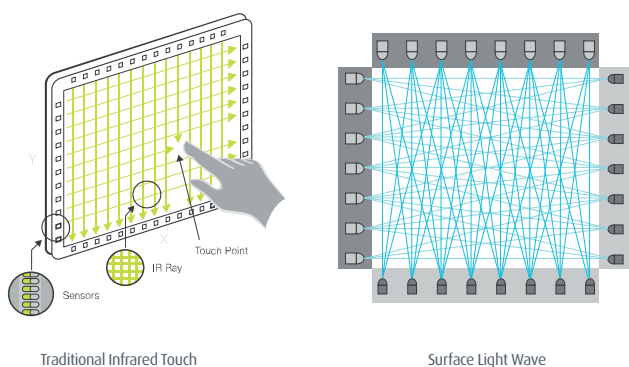


SURFACE LIGHT WAVE TECHNICAL PAPER

“Surface Light Wave” (SLW) is an innovative multi-touch technology, offered by TimeLink. It is one of the most advanced multi-touch technologies worldwide. Based on the transmission property of light, integrated with the IR emitter of light wave, SLW can formulate a complex and dense light net. When a signal receiving circuit receives the “broken” signal, the processor will analyze it and thus the touch points can be recognized.

SLW is a recognition technology used by CTOUCH to detect multiple contacts on the touch screen simultaneously. The technology supports 2 points and is expandable up to 32 points. It is fully compatible with Windows, Mac, Linux and Android OS.

across the screen. This is a significant benefit that other technologies cannot compare to. For example, the screen will give you different results when using a finger or a palm touch.



SLW – REAL MULTI TOUCH

SLW is a multi-touch technology that can be extended from two up to 48 touch points, according to the customers’ requirements. It is also the first multi-touch technology that can support over 32 touch points.

RECOGNIZE TOUCH MATERIALS, SUPPORT MORE EXTENDED APPLICATIONS

Traditional Infrared Touch (IR) method is based on the X and Y Axis. This way, the processor can only obtain the coordinates. With SLW, the processor can also describe the shape of an object, by using the (extra) light waves

FAST RESPONSE

Response time is less than 10ms, which is much faster than most other touch technology.

SLW - ADVANCED PATENTED MULTITOUCH TECHNOLOGY

- Supports multi-touch screen from 2 touch points up to 32 touch points
- Palm rejection
- Touch object shape recognition
- High Fault Tolerance ($\leq 10\%$)
- High Redundancy Design: Dust, Business Card Cover workable;
- Anti-Strong Light function: Indoor and outdoor
- HID up to 20 touch
- Windows 7 / 8 / 10 , Mac, Linux and Android OS compatible
- High response speed ($>100\text{fps} / 10\text{ms}$, $>200\text{fps} / 10\text{ms}$ in Labs)