



# TOUCH KEY SENSOR

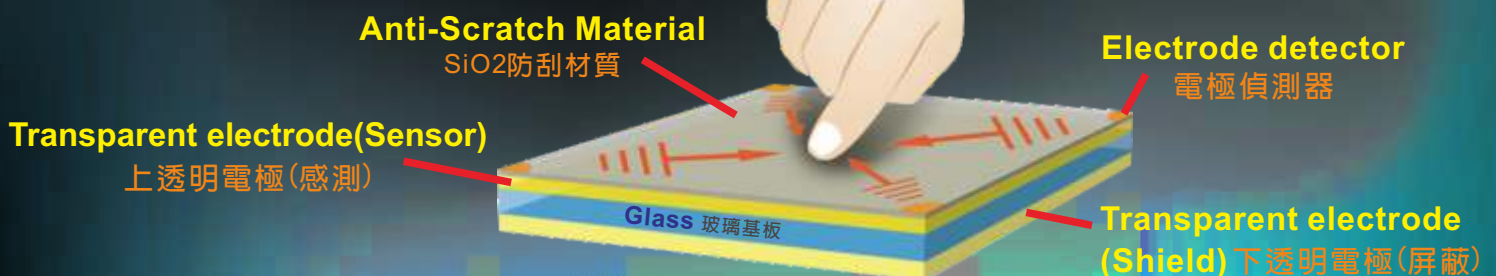
Flexible Touch Switch, is a way to start the functions by using capacitive sensing touch. When put the finger on sensing area, the electric charge from the finger will change the capacitance inside the area in order to transform and send signals to the processor to complete the commands.

IEF is capable of offering the total solution of design and produce whole module.

Also we can use LED light guide or EL backlight to design an extraordinary lighting switch which can replace traditional type switches and membrane keypads.

Capacitive screen utilize the feature of "Body will be conducting", the finger touch the screen will affect the contact position.

電容式螢幕利用「人體會導電」這項性質，手指接觸螢幕會影響面板電容，推算出接觸位置





# Feature 特性



High transparency



Thin and flexible



Competitive cost



Customized design acceptable



Multiple materials available



Backlight sources available



# Application 應用



IoT Control board of devices



Household compliance



remote control /  
keyboard / stereo devices



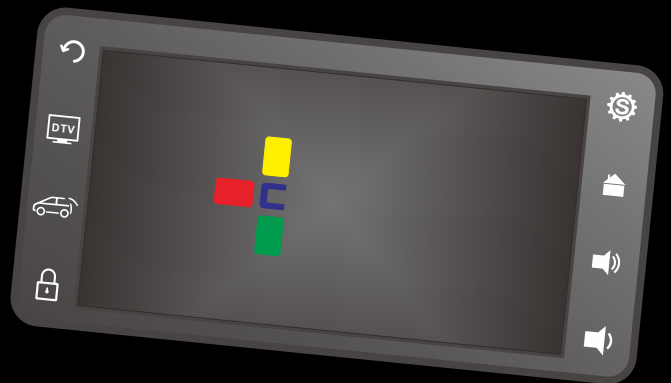
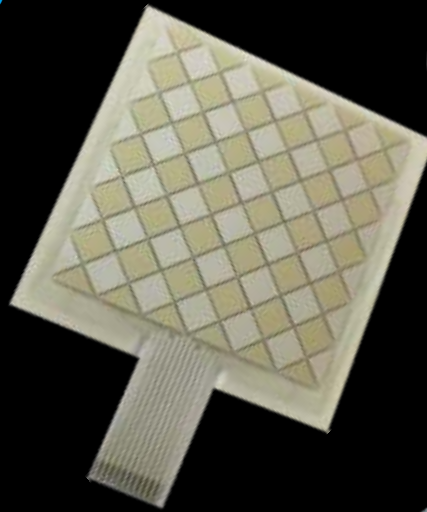
Industrial equipment



Medical device and equipment



Automotive devices





## Specification 規格

Maximum dimension: 400×500mm

Distance between circuits: 1.0mm、0.5mm

Minimum switch dimension: 5×5mm、ø5.0mm

Minimum distance between two keys: 10mm

### Structure 結構圖

