



Infrared TP

V.S

CTP (Capacitance Touch Panel)

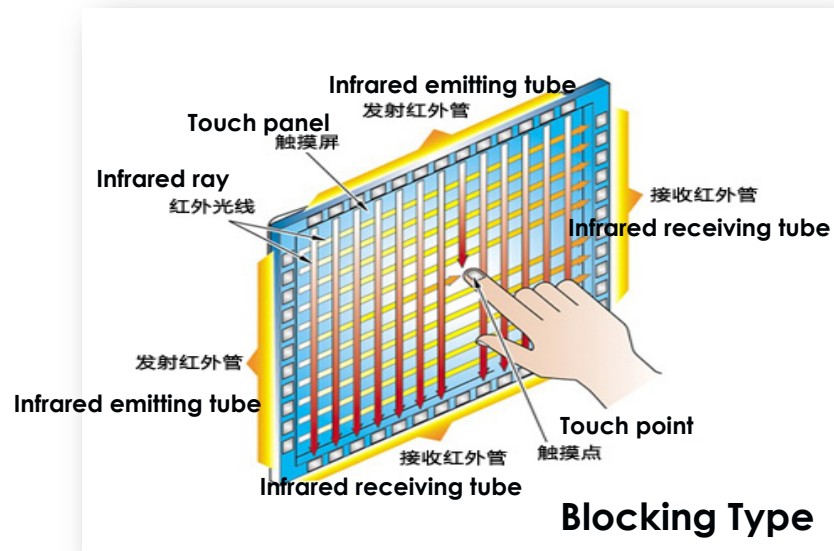
Feb.2016



Touch Panel working theory

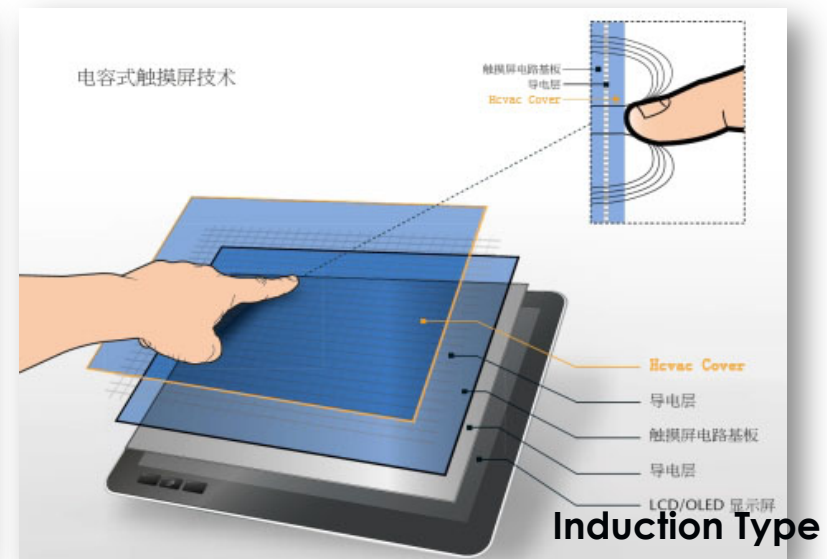


Infrared TP



Through Infrared emitter and receiver tube arranged around, determine the position by inducing blocking infrared ray in X, Y infrared matrix.

Capacitance TP

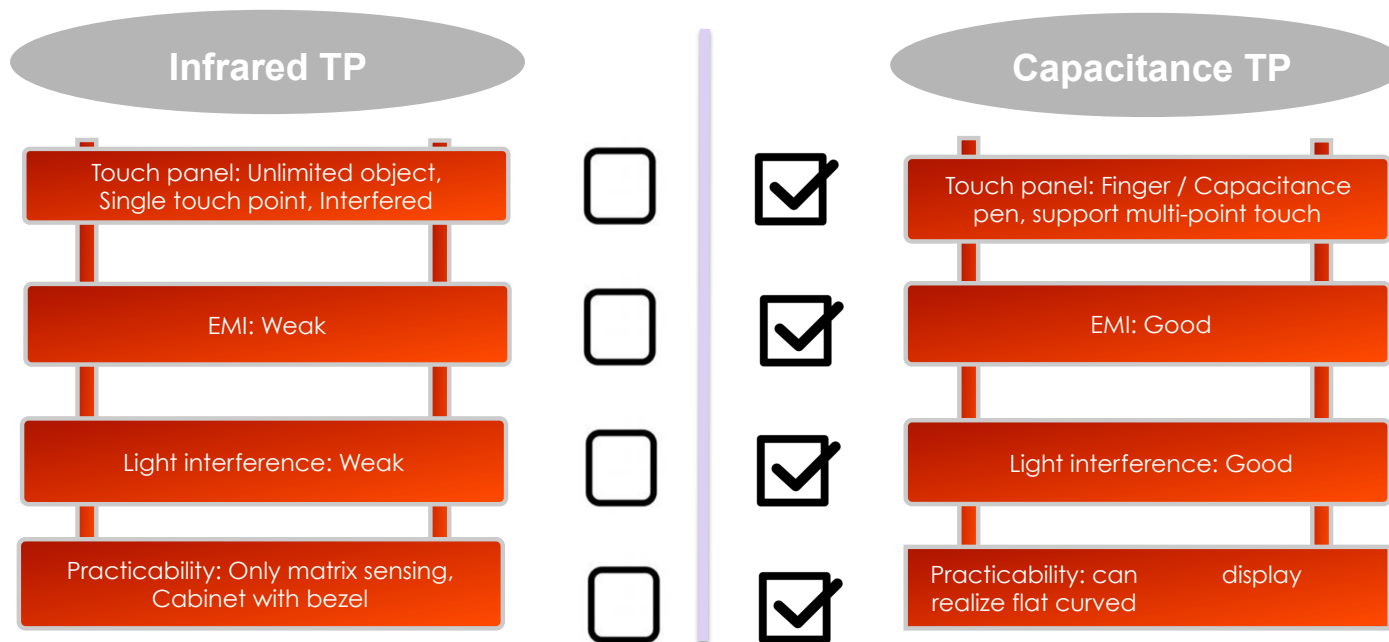


By using the human body's current induction to generate coupled capacity, determine the position according to the measured capacitance value.

Infrared TP V.S CTP



Performance



Infrared TP V.S CTP



Case comparison

IEM

Infrared tp



INFRARED TP:
WEAK ANTI-INTERFERENCE
ABILITY



Capacitance TP



GOOD PERFORMANCE

Infrared TP V.S CTP



Infrared tp

Touch Point



SUPPORT MAX. 6 TOUCH POINTS, INTERFERED EASILY.

Capacitance TP



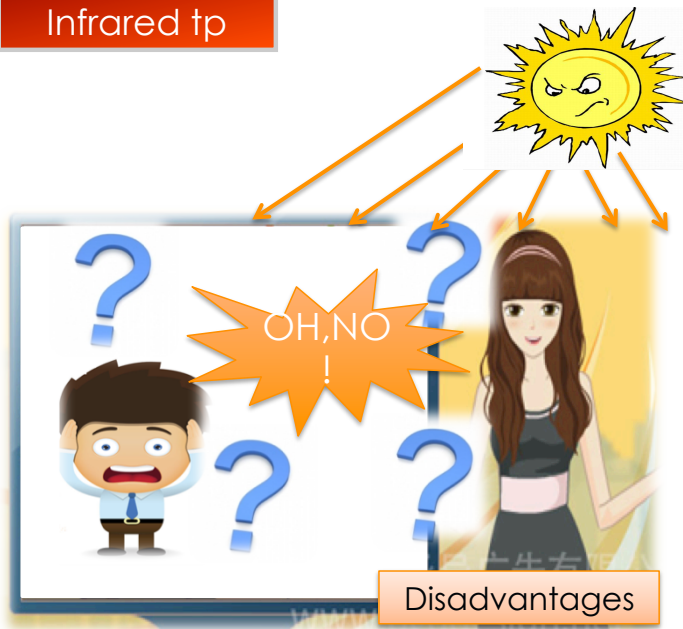
SUPPORT MAX. 60 TOUCH POINTS, ENJOY FRIENDLY EXPERIENCE IN ONE PANEL, MULTIPLICITY.

Infrared TP V.S CTP



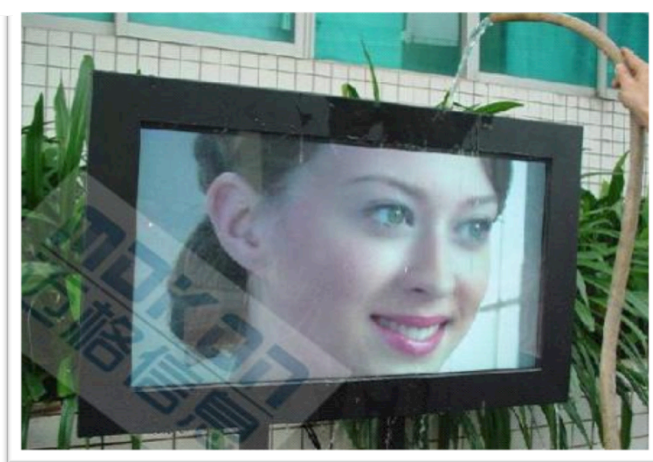
Light interference

Infrared tp



- 1.WEAK ANTI-LIGHT INTERFERENCE ABILITY
- 2.CAN'T BE WATERPROOF
- 3.LIMITED USING OUTDOORS

Capacitance TP



- 1.GOOD ANTI-LIGHT INTERFERENCE ABILITY
- 2.WATERPROOF
- 3.CAN BE USED OUTDOORS

Infrared TP V.S CTP



Appearance

Infrared tp



With bezel

1. TOUCH FRAME WITH BEZEL
2. WEAK PRACTICABILITY

Capacitance TP



Beauty & Practicability

1. FLAT EXPERIENCE
2. BETTER PRACTICABILITY

A photograph of a modern building with a glass facade and a red metal truss structure on the left. A large red semi-transparent arrow points from the left towards the building. The sky is blue, and there is a green lawn in the foreground.

KDX

THANK YOU!