



INTECH Interactive Frame



Providing Perfect Solution
to Meet Your Touching Demand.

Characteristics of INTECH Interactive Frame

INTECH interactive frame is a kind of touch scheme, which is remodeled from big screen display. The touch frame can be fixed on the surface of any kind of display so as to make the common big screen have interactive function. You can simply control the computer with your fingers or even any non-transparent object. The interactive function can be played better using INTECH interactive software, for example, in the meeting briefing, business meetings, video conference, military command and so on. INTECH interactive can be also applied on the LCD/Plasma TV or industrial display with big size. INTECH Technology provides all kinds of schemes to resolve the problems of all degrees of sealing, waterproofing, dustproof and so on.

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The features of INTECH IR Interactive Touch Frame

- On designing the structure of INTECH IR interactive touch frame, which are suitable major LCD and PDP display in the current market, engineers thoroughly consider the difference of all kinds of display equipments on the structure.
- The touch precision reaches up to 4096*4096, without touch delaying, and its response is sensitive.
- Outlaying touch system, it is made of light but rigid aluminium alloy. It is slim. And the frame one integrated mass of display with big size.
- Highly transmission (even without glass), which neither reduces the brightness of display nor causes any vague and parallax. Even you can touch it with any non-transparent object whose diameter > 2.5mm.
- You can write, draw, post and do other else actions on the screen easily.
- The scope of working temperature is -40°C to 70°C.
- Easy installation. Only USB connection (RS-232C optional).
- High stability without drifting.
- Totally sealing up, setting without daily maintenance.

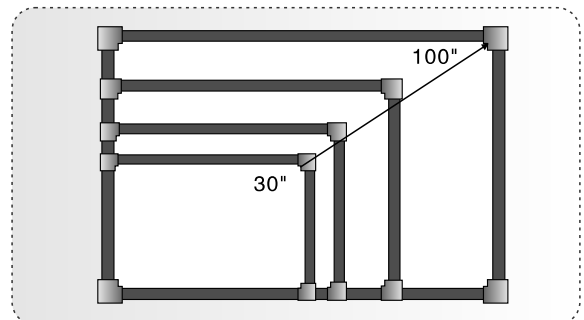


The Application Area INTECH IR Interactive Touch Frame

Suitable for PDP, LCD, RP and other oversize display, such as 30 inch to 150 inch. This solution is applied for business conference, video conference system, exhibition publicize, industrial touching and so on.



Referenced Size ▶



Specifications ▼

MECHANICAL	
Housing	Aluminum alloy
Weight	3Kg
TOUCH CHARACTERISTICS	
Input Method	Finger or gloved hand activation
Touch Activation Force	No minimum touch activation force
Position Accuracy	Typical centroid accuracy 1mm
Resolution	4096(W) × 4096(D)
Response Time	Touch : 5ms Drawing : 5ms
Optics cell area	5.0(W) × 5.0(D)mm ²
Available Object Sizes for Touch	TouchTouch : ø2.5mm Stylus : ø2.5mm
Software	
Scanning Form	Auto Start, Always Scanning
Movement Mode	Input Point, Finishing Point, Following, Continuous Detection
Resolution Noh play	4096(W) × 4096(D) (high resolution mode)

ELECTRICAL	
Operating Voltage	DC 5V
Power	90mA at DC 5V
ESD	TBD
ENVIRONMENT	
Temperature	Operating -20°C to 50°C Storage -30°C to 60°C
Humidity	Operating 20% to 85% Storage 0 to 95%
Relative Humidity	Operating 40°C at 90% RH, noncondensing
Light Test	Incandescent lamp (220V, 100W), Operating distance 350mm over
Altitude Operating	3,000m
Interface	USB1.1
Detection Method	Infrared rays
Warranty	Touch screen : 3 -years limited warranty
Working place	Can working under sunlight, both indoor and outdoor used application.