



## Infrared Touch

Infrared touchscreen is an ideal product for large size and for more than two touch points. GeneralTouch's infrared touch is the best choice of kiosk, ticket machines, ATM/VTM, medical machines and retail.

### Features:

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- No touch pressure required
- Unlimited touch stylus
- High clarity
- Single/Multi touch
- Best suited for large size

### Applications:

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- Kiosk
- Ticketing machines
- Automations
- Vending machines
- Exhibition machines
- Banking machines

# Specifications

## PHYSICAL

Touch screen dimensions	Frame Size	15.1"
	External Dimensions	343×264.5
	Active Area	308×231.5
	Thickness	7mm
	Ratio(Length Vs Width)	4:3
Controller Dimensions(mm)	85×59×10.8	
Material	Pure glass	
Light Transmission	90%	
Surface Hardness	Mohs's hardness rating of 7	

## ELECTRICAL

Supply Voltage and Current	+5VDC, normal (+4.5V to +5.5VDC) 125mA, typical at +5VDC, Average power consumption is 0.63w, typical Supply must be capable of sourcing 250mA, minimum Total noise and ripple requirement must be less than 50mV (p-p) for frequencies above 1MHz
Interface	EIA 232E (Serial RS-232) Baud rate 9600bps
Touch Resolution	4096×4096

## ENVIRONMENT

Temperature	Operating Temperature:0℃~+65℃ Storage Temperature: -20℃~+85℃
Relative Humidity	40℃ at 90% RH, noncondensing
Altitude	3000m
Endurance	Scratch-free; More than 50,000,000 touches in one location without failure
ESD	Per EN 61000-4-2 meets: Contact discharge 4kV, air discharge 8KV
Flammability	The printed circuit board substrate is rated with 94V0
RoHS declaration	The touch system including IT3L15d1R, IT5542S-15d1 and cable is RoHS compliant
Controller	Now the touchscreen controllers of GeneralTouch company is IT5542s-15d1

## ENVIRONMENT

Conversion time	Approximately 15ms per coordinate set (including transmitting time)
Minimum stylus size	Φ6mm
Hovering stylus	1.8mm

Go to [www.generaltouch.com](http://www.generaltouch.com) for more products and information, or contact us

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