

Outdoor Infrared Touch Frame Specifications

Characteristics

HID Compliant
Polycarbonate Frame Design - Water and Dust Resistant
23mm wide bezel x 11mm thick bezel
High accuracy and stability even in bright light
Three-year warranty
Optional Heating Element to reduce snow and ice buildup available
Available for most common display sizes 32" - 85"

Specifications

Housing Color	Black
Housing Material	Opaque Polycarbonate
Interpolation Resolution	32767(W) x 32767(D)
Response Speed	<15ms
Frame Rate	125Hz
Touch Accuracy	±2mm(over 90% Area)
Touch Points	20 touch points
Input Mode	Finger, Gloved Hand, Stylus or Other Opaque Objects
Output Format	Coordinate Data
Touch Durability	Greater than 50,000 hours
Minimum Object Sizes For Touch Singlepoint Multipoint	5mm 8mm
Interface	USB (Type A USB male)

Operating Systems

Windows 7/8.1/10	HID Compatible, Native multitouch support
Mac OSX	HID Compatible, Multitouch Available with UPDD Driver
Android	HID Compatible
Linux, Ubuntu/Fedora	HID Compatible, Native multitouch support

Storage Conditions

Storage Temperature	-20 °C ~ 60 °C
Storage Humidity	Storage humidity: 10%~ 90%RH, no condensation

Electrical Specifications

Communication Type	USB 2.0
Transmission Speed	12Mbps
USB Powered	No external supply needed
Working Voltage	DC 5V%
Average Current	<300mA
Anti Light	Sunlight 40000 lux (non direct light)

Reliability

Temperature Range	Operating temperature: -10°C ~50°C Storage temperature: -20°C ~ 60°C
Relative Humidity	Operating temperature: -10°C ~50°C Storage humidity: 10%~ 90%RH, no condensation
Temperature Cycle Test	Temperature: -20°C~60°C, Loop number: 10 times, Speed: 1 °C/min
Thermal Shock Test	High temperature: 85°C, Low temperature: -45°C, 50 cycles
ESD Level	According to IEC61000-4-2 level B. Contact discharge 4 KV, Air discharge 8KV
IP Rating	IP65

Heating Element

Reduces or eliminates snow and ice buildup down to ambient temperatures of -40°C (-40°F)
Plugs into a standard 120 Vac outlet, must be GFCI protected
Built in thermostat saves energy by powering the System only when needed
Durable components include tough XLPE inner insulation, continuous ground braid and weather resistant PVC outer jacket