

Technical Specifications of Touch Frame

Features

True 10-point touch capability

Modular design for easy transportation and seamless connection structure, aesthetically pleasing and efficient installation (max length: 17m)

Supports direct replacement of PCBA light boards without disassembly (low-cost core component replacement)

100Hz response speed (meets writing requirements)

High anti-glare circuitry for outdoor use

Intelligent diagnostic software for efficient debugging

Android compatible using built-in HID Multitouch driver (add PID/VID)

Touch serial-to-USB module supports: 1 screen → multiple hosts / 1 screen → multiple displays

Applications

Smart digital exhibitions, conference systems, video walls, touch walls,

interactive gaming

Performance Table

Category	Specification	Details
Size		Standard
	Customizable	70-1000 inches
Touch Points	10-point	
	Optional: 20/32/40-point	
Material	No glass	
Color	Black	
Thickness	12mm	
Power (USB)	Normal operation	< 500mA, 4.5-5.5V
	Sleep mode	< 300mA, 4.5-5.5V
	External PSU (optional)	
Transmission Distance	>6m (with ext. PSU)	
	>10m (with ext. PSU + USB amplifier)	
Interface	USB-A	USB2.0 (backward compatible with USB1.1)
		HID device, plug-and-play
OS Support	Windows 2000/XP/Vista/7	
	Linux/Mac OS/Android	

Category	Specification	Details
Warranty	1 year	
Construction	PCB + anodized aluminum frame + IR filter strips	
Packaging	Plastic barrel	
Touch Objects	Finger/glove/opaque objects (≥6mm tip)	
Accuracy	<2mm	
Durability	Unlimited touches	
Activation Force	None required	
Resolution	32767×32767	
Response Time	<10ms	
Outdoor Use	Yes (anti-glare)	
Operating Temp	-20°C to 60°C	
Storage Temp	-25°C to 85°C	
Humidity	10-90% RH (non-condensing)	
ESD Protection	EN61000-4-2 Level 4 (8KV contact)	
EMS/EMI	3V/m susceptibility	
	EN55022 Class B compliant	
Driver Support	Windows: Native multi-touch (2000-XP single touch)	
	Linux/Mac: Native single-touch	
	Android: HID Multitouch (PID/VID config)	