

# BS-IW05 Touch Whiteboard Infrared Sensing Technology Smart education Whiteboard

Outer frame	Aluminium alloy(iron-gray wire drawing)
Surface□Optional□	Standard is nano surface / Ceramic surface is optional / Honeycomb panel is optional
Board size	2115mm x 1220mm x 15mm
External dimension	2245.5mm x 1250.5mm mm x 36.3mm
Effective touch area	2170mm x 1175mm□include hotkeys□
Diagonal dimension	2468mm□97.2" include hotkeys□
Effective projection area	2085mm x 1175mm
Projection diagonal	2393mm (94.2")
Effective projection ratio	16 : 9
Packing size	2390mm x 1395mm x 80mm
Weight	34.2 KG(NW: 24.2KG)
Voltage range	DC 5.0V±5%
Power consumption	≤(200mA DC 5V)
Supply mode	USBpower supply
ESD	EN61000-4-2□4□contact discharge8KV□air discharge15KV
Security testing	Class B
equipment	RoHs,CE,FCC,ISO9008:2000,ISO14001
Certification	Windows 2000/XP/Vista/7/8, Linux, Mac OS, Android
OS support	USB2.0 FS,free of driver on Android/Windows and Mac OS; Linux provided
Communication mode	driver
Induction object	Finger pen and opaque object
Location technology	Non-contact infrared sensor positioning technology
Resolution	32768(W)□×□32768(D)
Response time	Multi mode□Click□15ms Continue□8ms Single mode□Click□13ms Continue□3ms
Speed of cursor	Max 300dots/second
Size of effective touch object	≥ Ø10mm
Function of cursor	"Completely replace the mouse□Single click□double click and right click"
Positional accuracy	"I series□90% regional position error <2mm position error in the edge <5mm"
	IU series position error<2mm

Multi touch	4 and 6 points are available, optional 10 points
Life time of touch	Unlimited
Temperature	Operation Temperature $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ , Storage Temperature $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Humidity	Operating humidity $20\% \sim 90\%$ Storage humidity $10\% \sim 90\%$
Relative humidity	$40^{\circ}\text{C} \sim 90\% \text{ RH}$
External light resistance test	Filament lamp (220V, 100W) , Vertical dimension Above 350mm
Port <input type="checkbox"/> Optional <input type="checkbox"/>	USB/PH2.0 5PIN/ Customization





# Infrared Sensing Technology

Four Point Touch

Finger, teacher's pointer, All hard objects

The best choice for human-computer interaction





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