

42" Large-Format Projected Capacitive

Comparison table

Inotouch	A company	B company
		
Slim bezel / invisible pattern	IR tube with metal case	Wired pattern visible

The 42" Inotouch Patterned Sensor

The world's first Inotouch sensor based on silver nanowire film offers remarkable slim bezel solution like a smartphone as you experienced, high invisibility in pattern as well.

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► Specification

System Performance

Light transmission	87%(±2%)
Input method	Finger input
Accuracy	>99% of true position
Auto calibration	Yes
Anti-noise capability	Yes
Waterproof	Yes
Versatility in design	Unlimited design
Moire´	No

Electronics

Communication	USB
Report Rate	max.240Hz
Applicable Touch Number	10 points multi touch
Power consumption	Idle mode : 240mW (240Hz)
	Sleep mode : 2.5mW (20Hz)
Power Connection	USB BUS(5V)
Terminal resistance	Tx is less than 15 KΩ
	Rx is less than 15 KΩ

Reliability

Surface Obstructions	Withstand most surface contaminants
Chemical Resistance	Test Method: ASTM-D-F-1598-95
Impact Resistance	Steel ball test UL 60950
Liquid Resistance	when water removed
	Normal operating where unwatered area
Operating Temperature	-10° C to 60° C
Storage Temperature	-20° C to 70° C
Condensation	No in humidity rating 20%~90%
Surface hitting	1 million times

Mechanical

Dimensions	990.9 mm x 600.4 mm
Glass Thickness	up to 6mm
Pencil hardness rating	More than 7H(Typical)

Controller

Input voltage	3.5V~5.5V, typical 5V
Operating temperature	-25° C to 80° C
Storage temperature	-25° C to 80° C
Relative humidity	95% at 60° C, RH non-condensing
Interface	USB, I ² C, RS232
Resolution	2048x2048 or more
Power consumption	Active mode: max. 60mA
	Idle mode : 8~12mA
	Sleep mode : 2.5mW (20Hz)