

# 42" Large-Format Projected Capacitive

## Comparison table

Inotouch

A company

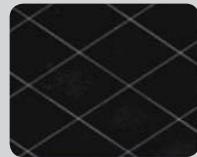
B company



Slim bezel / invisible pattern



IR tube with metal case



Metal Mesh



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.

# 42" Large-Format Projected Capacitive

## ► Specification

System Performance		Mechanical		Controller	
Light transmission	87%( $\pm 2\%$ )	Dimensions	990.9 mm x 600.4 mm	Input voltage	3.5V~5.5V, typical 5V
Input method	Finger input	Glass Thickness	up to 6mm	Operating temperature	-25° C to 80° C
Accuracy	>99% of true position	Pencil hardness rating	More than 7H(Typical)	Storage temperature	-25° C to 80° C
Auto calibration	Yes	Relative humidity	95% at 60° C, RH non-condensing	Interface	USB, I <sup>2</sup> C, RS232
Anti-noise capability	Yes	Resolution	2048x2048 or more	Power consumption	Active mode: max. 60mA Idle mode : 8~12mA Sleep mode : 2.5mW (20Hz)
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: ASTMD-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				