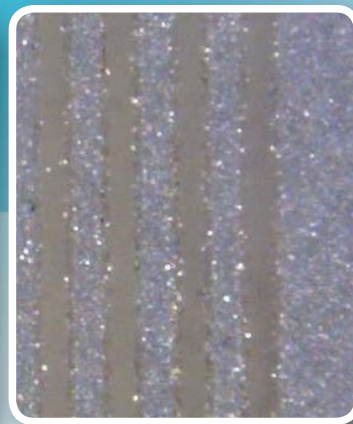
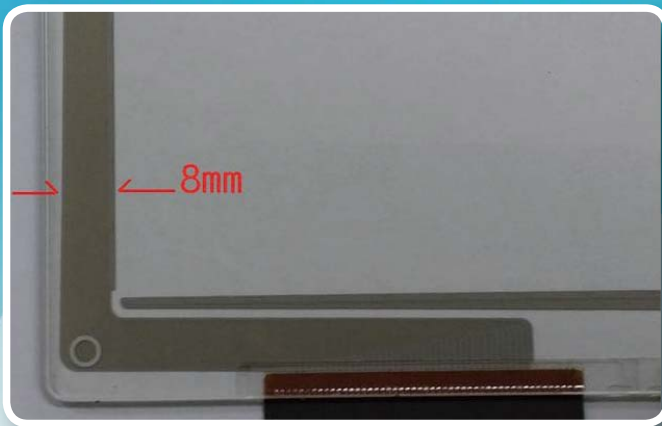


# 21.5" Slim Border designed Projected Capacitive

Total tracer width : 8mm



Tracer Width : 45um  
Tracer Gap : 35um

## The Inotouch Purpose –built Sensors

A purpose-built sensor for applications that demand high-class services at realizing true slimness with high -performance multi-touch functionality, enabling array of choices to innovative design.

### ▶ Slim Borders

Inotouch helps integrators to meet the growing demand matching for the size equivalent to LCD outer dimension

### ▶ Silver Nanowire Film

Inotouch advanced silver nanowire film offers excellent optical transparency, high product quality, enabling unlimited versatility in sensor design.

# 21.5" Slim Border designed Projected Capacitive

## ► Specification

### System Performance

Light Transmission	86%(±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 point multi touch
Power consumption	Idle mode : 240mW (240Hz)
	Sleep mode : 2.5mW (20Hz)
Power Connection	USB BUS(5V)
Response Time	20 ms

### Reliability

Surface Obstructions	Withstand most surface contaminants
Chemical Resistance	ASTMD-F-1598-95
Impact Resistance	Steel ball test UL 60950
Liquid Resistance	Normal operating when remove water
	Normal operating where unwatered area
Operating Temperature	-10° C to 60° C
Storage Temperature	-20° C to 70° C
Humidity	Up to 90% RH from 0° C to 85° C
	non-condensing

### Mechanical

Dimensions	496.6mm x 295.6mm
Glass Thickness	2mm
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 <sup>2</sup> C
Resolution	2048x2048 or more
Power consumption	Active mode: max. 60mA
	Idle mode : 8~12mA
	Sleep mode : 2.5mW (20Hz)