

15" Projected Capacitive rugged with Privacy Filter plus Automatic Palm Rejection



Privacy filter rugged on Projected Capacitive (P-Cap) with palm rejection offers outstanding privacy protection plus palm rejection functionality in public applications.

- You will see or write the information on your display while people on either side only see a darkened screen.
- Palm rejection enables you to drive in educational applications.

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► Specification

System Performance

Light transmission	66%(±2%)
Input method	Finger input
Accuracy	>99% of true position
Auto calibration	Yes
Anti-noise capability	Yes
Waterproof	Yes
Palm rejection	Yes
Versatility in design	Unlimited design
Moire´	No

Electronics

Communication	USB
Report Rate	max. 210Hz
Response Time	20 ms
Applicable Touch Number	2 points multi touch
Power consumption	Idle mode : 500mW
	Sleep mode : 28mW
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	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	-25° C to 70° C
Storage Temperature	-30° C to 80° C
Condensation	No in humidity rating 20%~90%
Surface hitting	1 million times

Mechanical(rugged privacy film)

Glass thickness	5mm CGS
2Way core privacy film thickness	0.35mm
Pitch	61µm
Depth	145µm
Surface scratch hardness	MoHS 7 or higher

Optical (privacy film)

Trasmittance	65%
Haze	14%
Chromacity(X)	0.313
Chromacity(Y)	0.32
Bias Angle	11°
Viewing Angle	60°

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)