

PCAP(Projected Capacitive) Touch Monitor

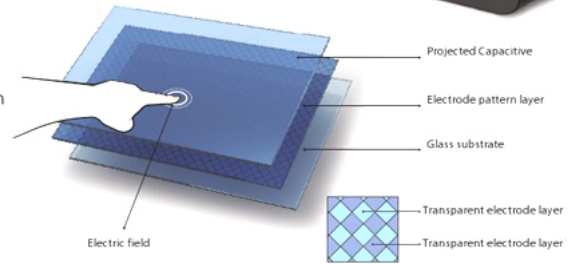
Touch Monitor : OLS-3210T/O LS-3210S/O LS-4210T/O LS-4620T/O LS-5520T/O LSK-6510T
Android Embedded : OLS-3211T/O LS-3211S/O LS-4211T/O LS-4621T/O LS-5521T





Structure & principle of Projected Capacitive Touch

- Our premium projective capacitive touch panel offers outstanding accuracy, optics and durability that extremely exceeding IR touch monitor.
- The super slim border design allows better integration for new generation flat panel displays.
- The antiglare treatment makes the panel suitable for most indoor or semi outdoor applications.

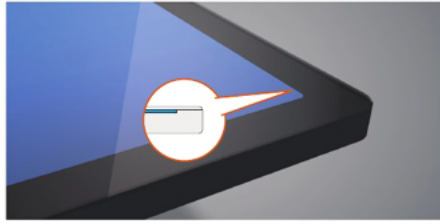


Advantage of projected Capacitive

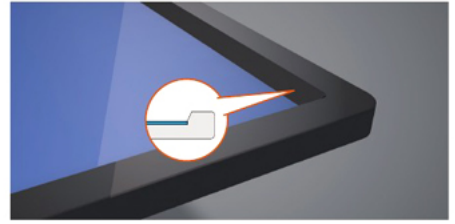
- Printed border (Black or Dark-Gray) for no bezel design look
- Most sensitive and smooth responsive touch
- Multi-Touch like smartphones
- Finer touch accuracy clearer imagery
- Scratch-Resistant
- Higher Transparency
- Higher Accuracy
- Vandal-resistant glass
- Palm Rejection

Advantage of Orion's PCAP monitor

- Stylish front glass (Bezel-less) PCAP



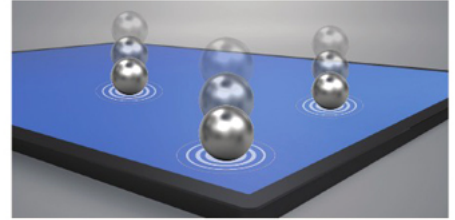
- Conventional I/R touch



- 12 points multi-touch

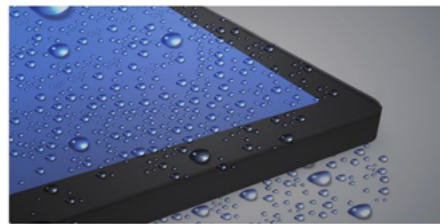


- 5mm tempered Glass (Anti-Vandalism)

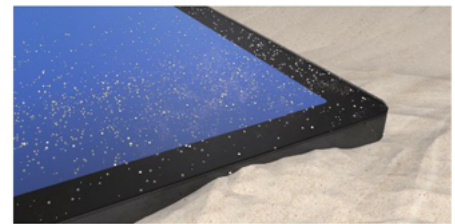


Key Features

- Water proof (IPX1)



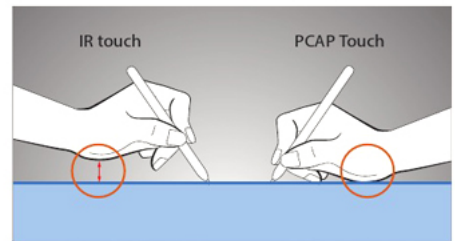
- Dust proof (IP54)



- LCD Panel is detachable from the tempered glass
Touch sensor, Maintenance cost-effective and easy repair
(Easy maintenance & Cost saving)



- Palm rejection & Touch pen (4 mm)



- Wall mountable & Side mountable/ Optional coating available (Anti-Glare)/ World Wide Certificate & RoHS/
Outstanding touch performance/Long-term stable operation under high temperature (24 / 7 / 365)



● Touch Monitor Specification

Product Name	OLS-3210T	OLS-3210S	OLS-4210T	OLS-4620T	OLS-5520T	OLSK-6510T
Display size	32		42	46	55	65
Display Colors	8 bits					10 bits
Resolution	1920 x 1080					3840 x 2160
Contrast ratio	3000:1 (Typ)		1000:1 (Typ)	4000:1 (Typ)		1400:1 (Typ)
Luminance	350cd/m ²		400cd/m ²	500cd/m ²		450cd/m ²
Surface Treatment	Anti-Glare 3H (Haze 2%)		Hard coating(3H), AR(Haze 1%)	Anti-Glare (Haze 11%)		Hard Coating(2H) AG (1%)
Terminal	RS232C/D-SUB/ DVI-D/ HDMI	D-SUB/ DVI	RS232C/D-SUB / DVI/ HDMI			
Touch Response	15ms(1pt) ~ 30ms(12pt)					16ms
Touch Glass	4 mm	2.8 mm	4 mm	5 mm		
Internal Speaker	7Wx2	-	7Wx2			-

● Android Board Specification

■ Android Embedded Model: OLS-3211T/ OLS-3211S/ OLS-4211T/ OLS-4621T/ OLS-5521T



OS	Android 4.2.2 KitKat	USB	USB HOST*4 (two external and two internal)
CPU	Quad-Core,	UART	4 (TTL*3,TTL+Flow Control*1)
Memory	Cortex-A17, 1.6GHz	LVDS	1 supports 50/60Hz LCD
Storage	DDR3 1G	HDMI	1 HDMI A-type interface
Storage	TSD FLASH 16G	Headphone	1 external SPDIF output
Extention	Up to 32GB SD/TF	Speaker	1 internal socket, maximum supports 2*2W/ 8Ω speaker
WiFi	Card extension,Built-in WiFi 802.11 b/g/n	SD/TF Card	1 standard SD / TF card slot (optional)
LAN	RJ45 standard interface	IR	IR (can be weld on master board or use with an extension cord)