

Upgrade your monitor into interactive display

# Overlay Touch Screen Module – TOP Series (PCAP) – TOI Series (IR)

15" ~ 110" and more

*Optimum design for current display*

## Features

- Cost effective
- Easy integration and rugged design with safety
- Smooth writing and drawing experience
- Fast response time
- USB Plug & Play
- Easy to repair the displays



Specification	TOP series	TOI series
<b>Touch Panel</b>		
Technology	PCAP-Metal Mesh	IR
Available Size	15 inch ~ 75 inch	32 inch ~ 110 inch
Touch Points	10 points (standard), 50 points (optional)	10 points for touch, 6 points for drawing
Touch Input Method	Finger, Glove, Conductive pen	Finger, Glove, Pen and any other pointer
Minimum Touch Object	Φ8mm for finger, Φ3mm for conductive pen	Φ5 ~ 7mm (depends on each model and size)
Touch Response Time	5 ~ 16ms (depends on touch point number)	4.5 ~ 15ms (depends on each model and size)
Resolution	3840 x 2160 (based on display resolution)	16384 x 16384 (based on display resolution)
Housing	Black powder coated Metal, or Aluminum front	
Glass	CL (clear glass) or AG (anti glare) glass. * Available customized glass	
<b>Electrical</b>		
Operating Voltage	DC 4.6V ~ 5.25V	DC 4.6V ~ 5.25V
Power	USB Powered (on standard) External 5V 500mA (for 50 points controller)	USB Powered
Power Consumption	USB : ≤ 2.5W	USB : ≤ 2W
Interface	USB 2.0, HID Compliant Plug & Play	USB 2.0, HID Compliant Plug & Play
Operating Systems	Window 7, 8, 10 series, Linux, Android, Mac (needed driver install)	Window 7, 8, 10 series, XP, Vista, Linux, Android, Mac (needed driver install)
<b>Environmental</b>		
Temperature	Operating : -10°C ~ +60°C Storage : -20°C ~ +70°C	Operating : -10°C ~ +60°C Storage : -40°C ~ +85°C (8hr still)
Humidity	Operating : 10% ~ 90% RH @ 40°C (Non-condensing) Storage : 10% ~ 95% RH (Non-condensing)	Operating : 10% ~ 90% RH @ 40°C (Non-condensing) Storage : 10% ~ 95% RH (Non-condensing)

\* The specification is subject to change without prior notice