

GOC Series - Optical Touch Screen



THE GOC SERIES (OPTICAL) TOUCH SCREEN

The GOC Series touch screen is an optical camera sensor touch technology. The whole touch module is consisted of two camera modules, control board, reflectors, metal frame(42" up), and glass (optional). It has high resolution, sensitive, and durable characteristics. And it is compatible with Windows 7, Windows 8, and Linux for multi-touch gesture support. Our product size range is from 15" to 65" especially used in public information devices, advertising machine, and digital signage.

APPLICATION

- Smart Office
- Advertising Machine
- Education
- Public Information Display
- Interactive Digital Signage

TECHNICAL

Small size solution (Module with glass)

Standard: 15", 17", 19", 21.5", 24", 27",
32"

Large size solution (Module with metal frame)
(add-on is optional)

Standard: 42", 46", 55", 65"

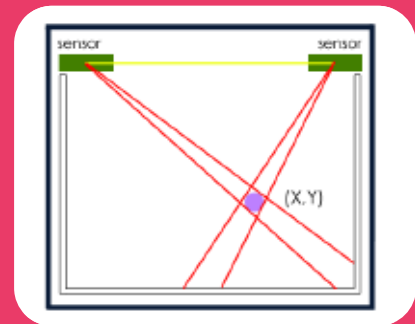


Groovy Technology Corp.

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CHARACTERISTICS

- High resolution. 32767 * 32767
- Soft touch and quick motion. Max 100 fps
- High transparency. 88%
- Multi-Touch (two points) for gesture input
- Durable, no touch sensor on glass



SPECIFICATION

	15" ~ 32"	42" ~ 65"
Input Mode	Finger or Stylus Diameter > 5mm	Finger or Stylus Diameter > 8mm
Accuracy	±2.5mm	±5mm
Structure	Module with Glass	Module with metal frame
Glass	Tempered, 1.8mm	No Glass (Glass is optional)
Transparency	88% ↑	(TBD)
Report Rate	100 fps	100 fps(single point), 60 fps (dual point)
Operating Force	0g (No pressure force required)	
Glass Hardness	7H ↑	
Resolution	32767 * 32767	
Interface	USB , Digital 5V	
HID & O.S.	Multi-touch Digitizer(Win7 & 8) , Mouse mode(Win XP & Vista)	
Operating Temperature	0°C~55°C	
Storage Temperature	-25°C~65°C	
Calibration	In-factory calibration (tools is optional if needed)	

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