

## 1855A 18.5" LCD Open Frame Touchmonitor

The GreenTouch's 1855A LCD open frame touch monitor is a touch solution developed for automated information systems, gaming and entertainment, as well as light industrial automation controls, making GreenTouch's touchmonitor product line even more complete. The 1855A touch monitor is based on the concept "Design for simple and convenience", with proven GreenTouch expertise and reliability. Precise small frame design will be completely sealed touch screen, so that it has dust-proof, dirt-proof and water-proof function, and make it easier for customers to install 1855A in the cabinet. Designed and built by GreenTouch, the model has a long life cycle Period and can supply long-term demands. Even if the future replacement of a new generation of LCD panels, you do not need to do external changes.

The 1855A is available in a variety of industry-leading GreenTouch touch technologies and is available in single-touch and multi-touch versions, including Four-wire resistive, five-wire resistive, infrared, PCAP and surface acoustic wave. This model has a global standard of agency certification with GreenTouch warranty and overall after-sale service. The 1855A LCD open frame touch monitor is a cost-effective touch solution for system integrators and value-added resellers (VARs).

### Applications

- Information Kiosk
- Game and Entertainment
- Industrial Automation
- Self-checking service



### Features

- Optional Touch technologies include: four-wire resistive, five-wire resistive, Infrared, PCAP
- Compact and easy to integrate with mounting from sides or top and bottom; also a VESA mount option
- Worldwide agency approvals
- One year standard warranty

### About GreenTouch

Shenzhen GreenTouch Technology Co., Ltd. is a professional manufacturer of product. Our company specializes in R&D, manufacture and marketing of high-grade touch screen and value-added touch machine. Our company has our own brand—Green-Touch and provides customers with touch products including SAW touch screen, IR touch screen, four-wire touch screen, five-wire touch screen, various touch screen monitors and touch all in one PC TV. GreenTouch has automatic production lines and the sealed dust-free workshops and has been certified to ISO9001 Quality Management System. The products are inspected in strict accordance with the quality management system. Quality management becomes an essential part of operation. Our products have been certified to CE, FCC, ROHS. The objective of GreenTouch is to become the most reliable supplier of touch screen, high value-added and special touch products and touch solutions in the world.

### Specifications

Case/ frame color	Black / Silver color
Display type	Active matrix TFT LCD, LED backlight
The diagonal dimension	18.5" diagonal
Aspect ratio	16:9
Active Area Dimensions	409mm(H) x 230mm(W)
The display size	Monitor (433mm(W) x 258mm(H), Thickness: 50 mm)
	Resistive version (433mm(W) x 258mm(H), Thickness: 50 mm)
	Projected Capacitive (457 mm(W) x 278 mm(H), Thickness: 50 mm)
Infrared version (454mm(W) x 275mm(H), Thickness: 56mm)	
Resolution (pixel)	1366 x 768
Other supported resolutions (pixel)	1024 x 768 ; 800 x 600; 720 x 400 ; 720 x 350; 640 x 480, 60 Hz;
Display Colors	16.7M
Brightness (Standard)	300 nits (Typ.)
Response time (standard)	5 msec
View Angle (from center)	Horizontal (left / right): ± 85° or total 170° Vertical (up / down): ± 80° or a total of 160°
Contrast ratio (standard)	1000: 1 (Typ.)
Input video formats	Analog VGA and digital DVI, HDMI (Optional DP)
Sweep frequency	Horizontal: 31.5 ~ 60.2 kHz; vertical: 56.3 ~ 75 kHz
Power	External DC, input voltage DC: 12V; INPUT POWER CONNECTOR SPECIFICATIONS (for all in one PC) - Type: DC cartridge receptacle; Cartridge ID: 5.5 mm (± 0.3 mm); Needle OD: 2.0 mm (+0.0 -0.1 mm); Cartridge depth: 8.0 mm (± 0.3 mm);
	Power connector (on power adapter) - Type: DC cartridge Plug; Cartridge OD: 5.5 mm (± 0.1mm); Needle Inner Diameter: 2.1 mm (± 0.1 mm); Cartridge Length: 9.5 mm (± 0.5 mm)
	Display only: 13.5W (Typ.)
Power consumption (standard)	Display only: 13.5W (Typ.)
Temperature	Operating: 0 °C to 40 °C; Storage: -20 °C to 60 °C
Humidity	Operating: 20% to 80% (no condensation); Storage: 10% to 90% (non-condensing)
MTBF	50,000 hours
Weight (approx.)	Net weight: 5 kg (Typ.); Shipping: 6.2 kg (reference)
Warranty	1 year
OSD	Digital OSD
User Controls	OSD Button: Menu, Up, Down, Select, Power; OSD: Contrast, Brightness, Horizontal / Vertical Bits Clock, phase, call default, language (English, German, Spanish, Japanese, French); OSD Fail / Active: Power, OSD menu
	OSD Remote Accessories
Mounting options	100mm or 75mm VESA mounting, open bracket mounting
Surface treatment	AG AR AF ( Customizable )
Agency Approvals	FCC, CE, CB, China RoHS CQC

### Ordering Information

Model	Part Number	Touch Technology	Display Ports	Interface	Surface Treatment	Availability
GT-O/TM1855A	GT-OM1855A-F	Non-Touch Monitor	VGA, DVI, HDMI	USB	Clear	Worldwide
	GT-OM1855A-A	Non-Touch Monitor	VGA, HDMI, DP	USB	Clear	Worldwide
	GT-TM1855A-4R-F	4-wire resistive	VGA, DVI, HDMI	USB	Antiglare	Worldwide
	GT-TM1855A-5R-A	5-wire resistive	VGA, HDMI, DP	USB	Antiglare	Worldwide
	GT-TM1855A-4R-F	4-wire resistive	VGA, DVI, HDMI	USB	Antiglare	Worldwide
	GT-TM1855A-5R-A	5-wire resistive	VGA, HDMI, DP	USB	Antiglare	Worldwide
	GT-TM1855A-CTW-F	W-series PCAP	VGA, DVI, HDMI	USB	Clear	Worldwide
	GT-TM1855A-CTW-A	W-series PCAP	VGA, HDMI, DP	USB	Clear	Worldwide
	GT-TM1855A-IR-F	Infrared	VGA, DVI, HDMI	USB	Clear	Worldwide
	GT-TM1855A-IR-A	Infrared	VGA, HDMI, DP	USB	Clear	Worldwide

To find out more about our extensive range of GreenTouch touch solutions, go to [www.greentouch.com.cn](http://www.greentouch.com.cn), or [ifo@greentouch.com.cn](mailto:ifo@greentouch.com.cn)

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