格林触控
GreenTouch®

- “Design for simple and convenience” as the idea
- Outstanding quality,reliability and Cost-effective

# 5002C 50” LCD Open Frame Touchmonitor

The GreenTouch's 5002C 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 5002C 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 5002C 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 models adopted the industry-leading GreenTouch projected capacitive touch technology. This model has a global standard of agency certification with GreenTouch warranty and overall after-sale service. The 5002C LCD open frame touch monitor is a cost-effective touch solution for system integrators and value-added resellers (VARs).

## Features

- Optional touch technologies include: 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—GreenTouch 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 a. 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 oftouch screen, high value-added and special touch products and touch solutions in the world.

## Applications

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









## Specifications

| | |
|---|---|
| Case/ frame color | Black |
| Display type | Active matrix TFT LCD, LED backlight |
| The diagonal dimension | 50.0 "diagonal |
| Bonding Type | optical bonding |
| Aspect ratio | 16:9 |
| Active Area Dimensions | 604mm(H) x 1073.8mm(V) |
| The display size | 681mm(W) x1150.78mm(H),Thickness: 106.2 mm |
| Resolution(pixel) | 1920 x 1080 @ 60Hz |
| Display Colors | 1.07B |
| Brightness (Standard) | 2500 cd/m$^2$ DC photosensitive |
| Response time (standard) | 8 ms |
| View Angle(from center) | L/R:89/89;U/D:89/89 (Typ.)(CR≥10) |
| Contrast ratio (standard) | 1300: 1(Typ.) |
| camera | 5M |
| Input video formats | Analog VGA and digital DVI、HDMI |
| Sweep frequency | Horizontal: 31.5 - 60.2 kHz; vertical: 56.3 - 75 Hz |
| Touch Technology | projected capacitive<br>Touch chip: ILITEK<br>Touch points: 1-10<br>Touch supply voltage: 5V<br>Touch interface: USB<br>Touch support system: Windows, Android, linux |
| Power | External AC, input voltage-AC: 100-240VAC 50HZ-60HZ; input power connector specification (on the all-in-one machine)-type: pin suffix socket |
| Power consumption (standard) | Display only: 300W(Typ.) |
| Temperature | Operating: -20℃ to 60℃; Storage: -20℃to 60℃ |
| Humidity | Operating: 10% to 90% (no condensation); Storage: 5% to 90% (non-condensing) |
| MTBF | 50,000 hours |
| Weight (approx.) | Net weight: 40 kg(Typ.); Shipping: 53 kg (reference) |
| Warranty | 1 year |
| Mounting options | 400MMX400MM wall-mounted installation,open bracket mounting |
| Water and dust protection/Explosion-proof | IP65(front)/IK08(front) |
| PAN | 6 |
| Agency Approvals | FCC, CE, CB,China RoHS CQC |

## Ordering Information

| Model | Touch Technology | Display Ports | Interface | Surface Treatment | Availability |
|---|---|---|---|---|---|
| GT-TM2CGL-500S-F-CYU-S | W-series PCAP | VGA,DVI,HDMI | USB | Clear | Worldwide |

To find out more about our extensive range of GreenTouch touch solutions, go to www.greentouch.com.cn, or ifo@greentouch.com.cn

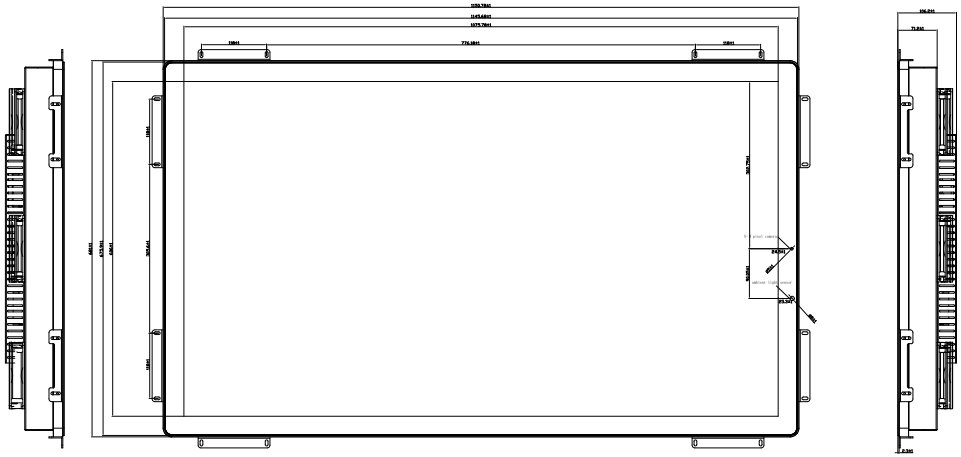
Service call:+86-755-29370883/29371519

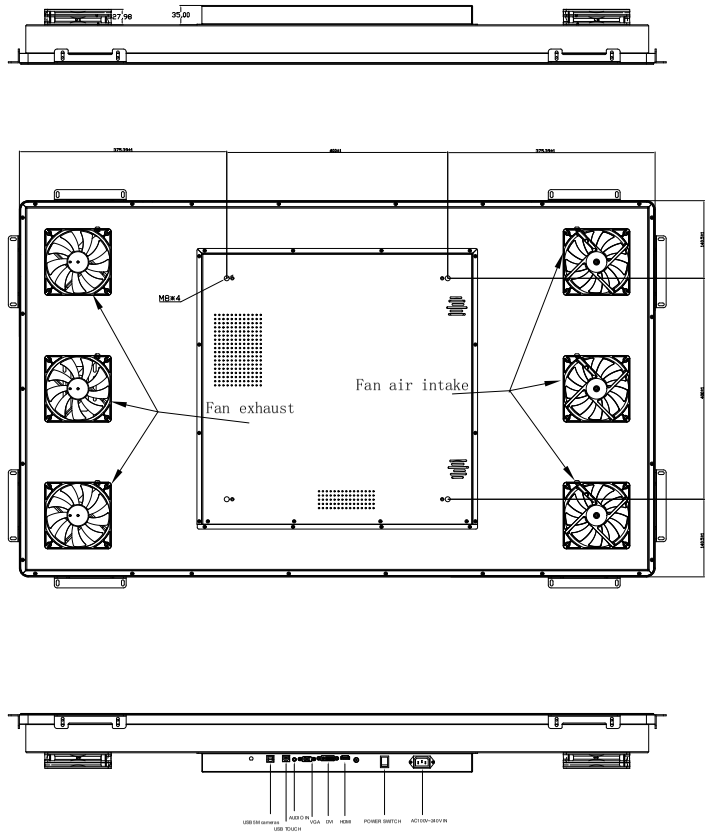
Shenzhen GreenTouch Technology Co., Ltd. reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products. GreenTouch (logo) and Shenzhen GreenTouch Technology Co., Ltd. Copyright . All rights reserved.

2016 Shenzhen GreenTouch Technology Co., Ltd. All rights reserved.

Back

| | |
|---|---|
| Display Size | 50" |
| Display Ports | VGA+DVI+HDMI |
| Touch Technology | capacitive |






格林触控 GreenTouch®

深圳市格林兴显示科技有限公司
Shenzhen GreenTouch Technology Co.,Ltd

| | | | | | |
|---|---|---|---|---|---|
| Model No.: | GT-TM2CGL-500-F-S | Unit | mm | Scale | 1:1 |
| Design | 卢石军 | Date | OCT.22.2026 | Page | 1/1 |
| Check | 付作韦 | Date | OCT.22.2026 | Version | A0 |
| Release | 万利 | Date | OCT.22.2026 | 3rd angle | |