

## 1213A 12.1" LCD Touchmonitor

GreenTouch's 3A series touch monitors are touch solutions with low power consumption, ultra-thin body design, high-resolution display and excellent multi-touch interactive experience, and make GreenTouch's touch monitor product line more complete. The 3A series touchmonitors are based on the "Designed for Touch" philosophy with the proven GreenTouch professionalism and reliability. The precise small frame design completely seals the touch screen, making it dust-proof, dirt-proof and splash-proof. Compared with ordinary monitors, the professional design and high performance of the 3A series are more suitable for applications in retail and other industries. Designed and built by GreenTouch, this model has a long life cycle and can supply long-term needs. Even if a new generation of LCD panels is replaced in the future, no external changes are required. This model has global regulatory agency certification, as well as GreenTouch's warranty and after-sales service. The 3A series touch monitors are cost-effective touch solutions for system integrators and value-added resellers (VARs).

### Features

- Optional touch technologies include: Projected Capacitor:
- Stylish appearance
- Continues to work even if the touchscreen is scratched
- Easy integration, low maintenance
- Excellent performance
- Accuracy and reliability
- Drift free operation
- Global agency certification
- 1 year standard warranty

### Applications

- retail terminal
- game
- Information kiosks
- self service
- Finance and other industries
- Rail transit
- Meeting
- Education and Healthcare



### Ordering Information

| Model               | Touch Technology | Display Ports | Interface | Surface Treatment | Availability |
|---------------------|------------------|---------------|-----------|-------------------|--------------|
| GT-TM3A-121-F-CW10U | W-series PCAP    | VGA,DVI,HDMI  | USB       | Clear             | Worldwide    |

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

### 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  |
| Display type                              | Active matrix TFT LCD, LED backlight   |
| The diagonal dimension                    | 12.1" diagonal   |
| Aspect ratio                              | 4:3  |
| Active Area Dimensions                    | 247mm(H) x 185.5mm(W)  |
| The display size                          | 294.5mm(W) x 233mm(H), Thickness: 44mm   |
| Resolution(pixel)                         | 1024 x 768 @ 60Hz  |
| Display Colors                            | 16.7M  |
| Brightness (Standard)                     | 500 cd/m <sup>2</sup>  |
| Response time (standard)                  | 25ms   |
| View Angle(from center)                   | Horizontal (left / right): ±89° or a total of 178°<br>Vertical (up/down): ±89° or a total of 178°  |
| Contrast ratio (standard)                 | 1200: 1(Typ.)  |
| 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: weida<br>Touch points: 1-10<br>Touch supply voltage: 5V<br>Touch interface: USB<br>Touch support system: Windows, Android, linux   |
| 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) |
| Power consumption (standard)              | Display only: 13.5W(Typ.)  |
| Temperature                               | Operating: -20°C to 70°C; Storage: -30°C to 80°C   |
| Humidity                                  | Operating: 20% to 80% (no condensation); Storage: 10% to 90% (non-condensing)  |
| MTBF                                      | 50,000 hours   |
| Weight (approx.)                          | Net weight: 2.2 kg(Typ.); Shipping: 3.6 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                    | Optional controls (front): Menu, Up, Down, Select, Power   |
| Mounting options                          | 100mm or 75mm VESA mounting  |
| Water and dust protection/Explosion-proof | IP65(front)/IK06(front)  |
| Surface treatment                         | NA   |
| Agency Approvals                          | FCC, CE, CB, China RoHS CQC  |

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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