

PRODUCT SPECIFICATION

1. Product Features

1-1 Characters

1. High resolution, no drift as changeable of time or environment.
2. Adaptability of high resolution, with no interference from current and voltage, and adapt to the rough condition.
3. Transmittance is above 95%
4. Vandal proof, scrape-resistant
5. Excellent performance, touch without pressure. Conductor, semiconductor or transparent touch materials are invalid.

2. Product Application Domain and Scope

2-1 Application Domain and Scope

This product is widely used in TV, KIOSK, ATM, Financial transactions, POS, Medical instrument, gaming machine etc. Support USB, COM interfaces.

Humidity: 0%~90% without condensation

Operation Environment temperature: -10°C-55°C

Storage temperature: -40°C-85°C

3. Software

3-1 Operating System Support



Linux, Window7, Windows2K/XP, Dos, WindowsNT4.0 etc. Specific functions determined by the use of driver version.



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4. Product technology parameter

Touch Screen Specification	
Touch Method	Activate with Stylus, Finger, Gloved hand etc.
Touch Activation Force	No minimum touch activation force
Optical Glass Parameters	
Material	Tempered glass
Thickness	4mm
Surface Abrasion	Good, depend on glass of surface
Transmittance	≥95%
Uniformity	Good
Electrical Parameters	
Operating Voltage	4.5~5.5V
Operating Current	70mA
Power	≤900mW
Physical Resolution	2.5mm (differ from different size of touch screen)
Controller Interface	TTL, USB (ROM & without) etc.
Compatibility	Protocol compatible with GT Controller 4001Sver1.0
PNP	Meet PNP specification serial devices
Power Management	Meet advanced power management ACPI specification compliance
Noise	No
Dormant	Support
Dormant Time	1min No-touch
Dormant Waking-time	Continuous touch 50ms
Dormant Current	30~40mA
Touch Parameters	
Click	Depend on the wear-resisting of glass theoretically
Life	More than 5 years
Fastest Response Time	13ms
Average Response Time	15ms
Resolution	4096*4096
Altitude	3000m
Safety Certification	CE FCC
Data Verifying	Support
Data Equalizing	Support
Auto Self-checking	Support
Anti EMI	Support
Warranty	1 Year

5. Product Using & Maintenance

The following tips will help to keep your touch-panel functioning at an optimal level:

- Keep device used in house
- Keep glass surface clean, remove the dust /particle. it's important to keep the unit dry
If liquid does get inside, have a qualified service technician check it before you power it again
- To clean the touch screen, use a lint-free, soft cloth dampened with standard, household glass cleaning solution as follows:
 1. Spray a small amount of glass cleaner onto the cloth.
 2. Wipe the glass of the touch screen to remove any dirt, dust, or finger marks.
 3. Wipe the clear surfaces around the edges of the screen.
 4. Remove any residual glass cleaner with a dry, soft, lint-free cloth.