PRODUCT SPECIFICATION

MODEL：NS4616106C001

NAME： 46inch（16：10）

WRITTEN:

CHECKED：

APPROVED：

1. Product Features

1-1 Characters

1. High resolution, no drift for the 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℃-55℃

Storage temperature: -40℃-85℃

3. Software

3-1 Operating System Support
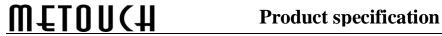

Linux, Window7, Windows2K/XP, Dos, WindowsNT4.0 etc. Specific functions determined by the use of driver version.

4. Mechanical Structures

4-1 Touch screen with iron shell outward

Enclose Color	Black painting of ferrous metals
Overall Dimensions	1096.5（L）*632.5（W）*14 (T)mm
Driver（touch）Region	1018.86（L）*573.86（W）mm
Weight （gross/net）	
Glass	Add with toughened-glass total 6 mm thickness

Shell Option	With edge (edge used to fix on the wall or others)

5. Interface parameters

USB：USB1.1

Serial ports：9600 RXD TXD GND Start 8 Bits Mo.paity stop

6. Details

6-1 Product technology parameter

Touch Screen Specification	
Diagonal Size & Aspect Size	46 inch (16:10)
Touch Method	Activate with Stylus, Finger, Gloved hand etc.
Touch Activation Force	No minimum touch activation force
Optical Glass Parameters	
Material	Tempered glass
Thickness	6mm
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	15ms

Average Response Time	17ms
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

7. Packing

Material：Corrugated paper   Weight：

Size （L x W x T）：

（If there is any bias please subject to the material object）

8.   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.