

### GFG Resistive Touch Panel Specifications

	Parameter	Specification
1	Product	15" Glass Film Glass (GFG) Resistive Touch Panel
2	Model	5WG1503FG1
3	Controller board	5WRUSBSA5
4	Technology	Resistive
5	Active Area	303 x 227mm
6	View Area	304 x 228 mm
7	Out dimension	327 x 254 mm
8	Glass tickness	3 mm
9	Construction	Thin Glass/Film/ Base Glass
10	Light transmission	85 %
11	Chemical Resistance	The active area of the touch panel is resistant to the damage of chemicals which do not influence glass, such as acetone, toluene, methyl ethyl ketone, isopropyl alcohol, methyl alcohol, ethyl acetate, ammonia-based glass cleaners, gasoline, kerosene and vinegar.
12	Other resistance	Resistance to flame and cigarette; Having a waterproof sealing that ensures resistance to immersion without loss of functionality. The panel should have shock resistance to pointed/sharp objects
13	Touch active force	Less than 80 gr.
14	Positional accuracy	Less than 2 mm
15	Resolution	Based on controller board: 4096 x 4096
16	Touch Density	Greater than 15,500 touchpoint/cm <sup>2</sup>
17	Input Medium	Finger, or gloved hand (rubber, cloth or leather ), or rubber stylus
18	Surface Durability	Optical glass surface, Mohs' hardness rating : 7
19	Life Performance	More than 50 million touches
20	Electrostatic Protection	EN61000-4-2,1995 : Level 4 (16 kV air / 8 kV contact discharges)
21	Operating Temperature	-20°C ~ 50°C
22	Operating Humidity	90% RH at 40°C (no dew falls)
23	Storage Temperature	-40°C ~ 70°C
24	Operating Altitude	10,000 feet (3048m)
25	Storage / Transport Altitude	50,000 feet (15,240m)
26	Interface	USB 1.1
27	Supply Voltage	+5VDC ( 50mV peak to peak max ripple)
28	Regulatory / Approvals to the set (Controller+Panel)	FCC, UL60950, CE



## VERIFICATION OF COMPLIANCE

This Verification of Compliance is hereby issued to the product designated below.

Product	Touch Panel
Model	ATOUCH04168
Trade name	ATOUCH
Applicant	ATouch Technologies Co., Ltd. 5F-2, No. 77, Sec. 1, Hsin-Ta-Wu Rd., Hsi-Chih City, Taipei Hsien 221, Taiwan, R.O.C.
Applicable Standard(s)	EN 55022: 1998 EN 55024: 1998 IEC 61000-4-2: 1995 + A2: 2000; IEC 61000-4-3: 1995 + A2: 2000; IEC 61000-4-4: 1995 + A1: 2000; IEC 61000-4-6: 1996 + A1: 2000
Report No.	40723204-E
Test Laboratory	Compliance Certification Services Inc. No. 81-1, Lane 210, Bade Rd., 2, Luchu Hsiang, Taoyuan Hsien, Taiwan, R.O.C. Tel: +886-3-3240332/ Fax: +886-3-3245235

This device has been tested and found to comply with the stated standard(s), which is(are) required by the Council Directive of 89/336/EEC and Amendment Directive of 93/68/EEC. The test results are indicated in the test report and are applicable only to the tested sample identified in the report.

*Kurt Chen*

Kurt Chen / Director of Linkou Laboratory

Date: September 27, 2004



## VERIFICATION OF COMPLIANCE

This Verification of Compliance is hereby issued to the product designated below.

Product	Touch Panel
Model	ATOUGH04168
Trade name	ATOUGH
Applicant	ATouch Technologies Co., Ltd. 5F-2, No. 77, Sec. 1, Hsin-Ta-Wu Rd., Hsi-Chih City, Taipei Hsien 221, Taiwan, R.O.C.
Applicable Standard(s)	FCC 47 CFR PART 15 SUBPART B (Class B)
Report No.	40723204-D
Laboratory	Compliance Certification Services Inc. No. 81-1, Lane 210, Bade Rd., 2, Luchu Hsiang, Taoyuan Hsien, Taiwan, R.O.C. Tel: +886-3-3240332/ Fax: +886-3-3245235

This device has been tested and found to comply with the stated standard(s), which is(are) required by the Federal Communications Committee. The test results are indicated in the test report and are applicable only to the tested sample identified in the report.

Kurt Chen / Director of Linkou Laboratory

Date: September 27, 2004

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### Information Technology Equipment Including Electrical Business Equipment - Component

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**ATOUCH TECHNOLOGIES CO LTD**

E302085

5TH FL-2, NO 77

HSIN TA WU RD SEC 1

HSI CHIH CITY, TAIPEI HSIEN 22101 TAIWAN

**Touch Screen**, Model(s) A38-XXXXXX (For Touch Sensor Screen), A58-XXXXXX (For Control Board) (X = Represents any alphanumeric character).

Marking: Company name and model designation.

[Last Updated](#) on 2006-01-17

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