



## EMC Test Report

Product Type : ICP DAS with Converter  
Applicant : ICP DAS CO., LTD.  
Address : No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351,  
Taiwan, R.O.C  
Trade Name : ICP DAS  
Model Number : GT-540P-3GWA  
Test Specification : EN 55022: 2010 +AC:2011 / Class A  
EN 55024: 2010  
EN 61000-3-2: 2006 +A1:2009 + A2: 2009 / Class A  
EN 61000-3-3: 2008  
Receive Date : Dec. 05, 2013  
Test Period : Dec. 05 ~ 10, 2013  
Issue Date : Dec. 18, 2013

### Issue by

A Test Lab Techno Corp.  
No. 140-1, Changan Street, Bade City,  
Taoyuan County 334, Taiwan R.O.C.  
Tel : +886-3-2710188 / Fax : +886-3-2710190



Taiwan Accreditation Foundation accreditation number: 1330

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## Verification of Compliance

Issued Date: 2013/12/18

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Applicant : ICP DAS CO., LTD.  
Address : No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351,  
Taiwan, R.O.C  
Trade Name : ICP DAS  
Model Number : GT-540P-3GWA  
EUT Rated Voltage : AC 100-250V, 50-60Hz, 2.0A  
Test Voltage : 230 Vac / 50 Hz  
Applicable : EN 55022:2010 +AC:2011 / Class A  
Standard : EN 55024:2010  
EN 61000-3-2:2006+A1:2009+A2:2009 / Class A  
EN 61000-3-3:2008  
Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.

No. 140-1, Changan Street, Bade City,  
Taoyuan County 334, Taiwan R.O.C.

Tel : +886-3-2710188 / Fax : +886-3-2710190

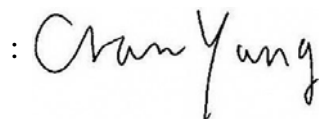
Taiwan Accreditation Foundation accreditation number: 1330

<http://www.atl-lab.com.tw/e-index.htm>



The above equipment has been tested by A Test Lab Techno Corp., and found compliance with the requirements set forth in the Electromagnetic Compatibility Directive 2004/108/EC and technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved By



(Manager)

(Cran Yang)

Reviewed By



(Testing Engineer)

(Frank Lin)

## 2 EUT Description

Product Type	:	ICP DAS with Converter
Trade Name	:	ICP DAS
Model Number	:	GT-540P-3GWA
Applicant	:	ICP DAS CO., LTD. No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C
Manufacturer	:	ICP DAS CO., LTD. No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C

### I/O Port Description :

I/O Port Types	Q'TY	Test Description
1). RJ-45 Port	1	Connected to EUT
2). Signal Port	1	Connected to EUT
3). AC Power Port	1	Connected to AC Input
4). Antenna Port	5	Connected to Antenna

**Feature of Equipment under Test :**

The model listed below is series model to GT-540P-3GWA.

Main	Software	Diversity	Mode 2
iP-8847	ISaGRAF	8 slots, Faster CPU, Dual Ethernet ISaGRAF based iPAC-8000	V
I-8040PW	---	32-channel Isolated Digital Input with Low Pass Filter Module	V
I-8041W	---	32-channel Isolated Digital Output Module	V
I-8053PW	---	16-channel Isolated Digital Input with Low Pass Filter Module	V
I-8069W	---	8-channel PhotoMOS Relay Output Module	V
I-87K8	---	I/O Expansion Unit with 8 I/O slots	V
I-87064	---	8-channel Relay Output Module	V
I-87066	---	8-channel DC SSR Output Module	V
I-87057	---	16-channel Open Collector Isolated Digital Output Module	V
I-87053	---	16-channel Isolated Digital Input Module with 16-bit Counters	V
I-87040	---	32-channel Isolated Digital Input Module with 16-bit Counters	V
I-87041	---	32-channel Sink Type Open Collector Isolated Digital Output Module	V
I-87058	---	8-channel 80-250VAC Isolated Digital Input Module with 16-bit Counters	V
I-87069	---	8-channel Photo-Mos Relay Output Module	V
TP-2070	---	7" (800 x 480) resistive touch panel monitor with RS-232 or USB interface Accessories: Power supply, VGA cable, RS-232 cable, USB cable, Mounting clamps and screws	V
LP-8441	None	Standard LinPAC-8000 with 4 I/O Slots (English Version of OS)	
WP-8441-EN		Standard WinPAC-8000 with 4 I/O slots (English version of OS)	
WP-8441-TC		Standard WinPAC-8000 with 4 I/O slots (Traditional Chinese version of OS)	
WP-8441-SC		Standard WinPAC-8000 with 4 I/O slots (Simplified Chinese version of OS)	
WP-8446-EN	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots (English version of OS)	
WP-8446-TC		InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots (Traditional Chinese version of OS)	
WP-8446-SC		InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots (Simplified Chinese version of OS)	
WP-8447-EN	ISaGRAF	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage)	V
WP-8447-TC		4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese)	V
WP-8447-SC		4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese)	V
WP-8449-EN	InduSoft	InduSoft based WinPAC-8000 with 4 I/O slots (English version of OS)	
WP-8449-TC		InduSoft based WinPAC-8000 with 4 I/O slots (Traditional Chinese version of OS)	
WP-8449-SC		InduSoft based WinPAC-8000 with 4 I/O slots (Simplified Chinese version of OS)	

Main	Software	Diversity	Mode 2
USB-2560	---	4-Port Industrial USB Hub	V
GT-540-3GWA	---	Intelligent Remote Terminal Unit with 3G and I/O (AI*1, DI*6, DO*2)	V
GT-540P-3GWA	---	Intelligent Remote Terminal Unit with 3G, GPS and I/O (AI*1, DI*6, DO*2)	V
GT-540P-3GWA-OEM1	---		
EAGLE EYE WATER TRACK-1	---		
GT-540P-3GWA-OEM2	---	Intelligent Remote Terminal Unit with 3G, GPS and I/O (AI*1, DI*4, Relay*3)	
EAGLE EYE WATER TRACK-2	---		V
DN-37	---	I/O Connector Block (Pitch= 5.08 mm) with DIN-Rail Mounting and Dsub 37-pin connector (RoHS) Include one CA-3710 (37-pin Male-Male D-sub cable 1.0 M)	V
DN-37/2	---	I/O Connector Block (Pitch= 5.08 mm) with DIN-Rail Mounting and Dsub 37-pin connector (RoHS) Include one CA-3720 (37-pin Male-Male D-sub cable 2.0 M)	
DN-37/N	---	DN-37 without DIN-Rail Mount	
DN-37-A	---	I/O Connector Block (Pitch= 5.08 mm) with DIN-Rail Mounting and Dsub 37-pin connector (RoHS) Include one CA-3710A (37-pin Male-Female D-sub cable 1.0M)	
DN-37/N-A	---	DN-37-A without DIN-Rail Mount	
DP-1200	---	AC 85 ~ 270 V input, DC 24 V/5.0 A output power supply	V
I-7560U	---	USB to RS-232 Converter	V
I-7527	---	Embedded communication controller with one RS-485 and seven RS-232	V
I-7527D	---	I-7527 + LED display	
ANT-421-02	---	GPRS Antenna	V
ANT-115-03	---	GPS Antenna	V