



VERIFICATION OF COMPLIANCE

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

Product	ICP DAS IO System
Model	SV-2201-CE7 System
Data Applies To	Please refer to section 2
Trade Name	ICP DAS
Applicant	ICP DAS CO., LTD. No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C.
Applicable Standard(s)	EN 55022:2010 / AC:2011 EN 55032:2012 + AC:2013 CISPR 22:2008 CISPR 32:2012 EN 61000-3-2:2006 + A1:2009 + A2:2009 EN 61000-3-3:2013 EN 55024:2010, including CISPR 24:2010 IEC 61000-4-2:2008 IEC 61000-4-3:2006 + A1:2007 + A2:2010 IEC 61000-4-4:2012 IEC 61000-4-5:2005 IEC 61000-4-6:2008 IEC 61000-4-8:2009 IEC 61000-4-11:2004
Test Laboratory	Compliance Certification Services Inc. (Hsin-Chu Lab) No.989-1, Wenshan Rd., Shangshan Village, Qionglin Township, Hsinchu County 30741, Taiwan (R.O.C.) Tel: +886-3-5921698 / Fax: +886-3-5921108

This device has been shown to be in compliance with and was tested in accordance with the measurement procedures specified in the Standards & Specifications listed above and as indicated in the measurement report number : T150309S02-E & T150309S02-E-2



程智科技股份有限公司
Compliance Certification Services Inc.



**CE EMC
TEST REPORT**

For

ICP DAS IO System

Model : SV-2201-CE7 System

Data Applies To : Please refer to section 2

Trade Name : ICP DAS

Issued for

ICP DAS CO., LTD.

**No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan,
R.O.C.**

Issued by

Compliance Certification Services Inc.

Hsinchu Lab.

**No.989-1, Wenshan Rd., Shangshan Village,
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Issued Date: March 24, 2015



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1. TEST REPORT CERTIFICATION

Applicant : ICP DAS CO., LTD.
Address : No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C.
Equipment Under Test : ICP DAS IO System
Model : SV-2201-CE7 System
Data Applies To : Please refer to section 2
Trade Name : ICP DAS
Tested Date : March 09 ~ 19, 2015

Table with 3 columns: Emission Standard, Item, Test Result. It lists various standards like EN 55022:2010 and IEC 61000-3-2:2006 with their corresponding test results, all of which are 'PASS'.

WE HEREBY CERTIFY THAT: The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the 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:

Reviewed by:

Handwritten signature of Rex Liao

Handwritten signature of Jacky Chen

Rex Liao
Deputy Manager

Jacky Chen
Section Manager



2. EUT DESCRIPTION

Product Name	ICP DAS IO System
Model Number	SV-2201-CE7 System
Data Applies To	Please refer to section 2
Identify Number	T150309S02
Received Date	March 09, 2015
Power Rating	110-230Vac, 50-60Hz
Test Voltage	230Vac/50Hz
AC Power Cable Type	Non-shielded cable 1.6m × 1 (Non-detachable)
DC Power Cable Type	Non-shielded cable 1m × 1 (Non-detachable), with a ferrite core
Signal Cable	Non-shielded RJ-45 cable 1m × 2 (Non-detachable), with a ferrite core

I/O Port Description :

I/O Port Types	Q'TY	Test Description
1) LAN Port	1	Connected to PC
2) LAN Port	1	Connected to EUT
3) AC Power Port	1	Connected to AC input
4) DC Power Port	1	Connected to EUT

The difference of the series model :

Item	Model Number	Software	Diversity	Mode 1
1	SV-2201-CE7	Windows CE 7.0	7" SmartView with AM3352 CPU and WinCE7 OS	√
2	VP-2201-CE7	Windows CE 7.0	Standard ViewPAC with 7" LCD	
3	VP-2201C-CE7	Windows CE 7.0	Standard ViewPAC with 7" LCD; CANOpen	
4	VP-2201J-CE7	Windows CE 7.0	Standard ViewPAC with 7" LCD; J1939	
5	VP-2208-CE7	Windows CE 7.0	Win-GRAF ViewPAC with 7" LCD VP-2201-LX = Linux ViewPAC with 7" LCD	
6	IWS-2201-CE7	Windows CE 7.0	InduSoft ViewPAC with 7" LCD	
7	M-7013P		1-channel RTD Input Module Using the DCON Protocol	√
8	M-7013P-X		1-channel RTD Input Module Using the DCON Protocol (X : The Cover is mean any color)	
9	M-7013PD		1-channel RTD Input Module Using the DCON Protocol with LED Display	
10	M-7013PD-X		1-channel RTD Input Module Using the DCON Protocol with LED Display (X : The Cover is mean any color)	



Item	Model Number	Software	Diversity	Mode 1
11	I-8046W		16-channel Isolated Digital Input Module	V
12	I-8046W-X		16-channel Isolated Digital Input Module (X : The Cover is mean any color)	
13	I-8050W		16-channel Universal Digital I/O Module	V
14	I-8050W-X		16-channel Universal Digital I/O Module (X : The Cover is mean any color)	
15	I-8055W		16-channel Non-isolated digital I/O Module	V
16	I-8055W-X		16-channel Non-isolated digital I/O Module (X : The Cover is mean any color)	
17	I-8063W		4-channel Isolated Digital Input and 4-channel Relay Output Module	V
18	I-8063W-X		4-channel Isolated Digital Input and 4-channel Relay Output Module (X : The Cover is mean any color)	
19	I-8094		High-speed 4-axis Motion Control Module	V
20	I-8094-X		High-speed 4-axis Motion Control Module (X : The Cover is mean any color)	
21	I-8094A		High-speed 4-axis Motion Control Module with Internal CPU	V
22	I-8094A-X		High-speed 4-axis Motion Control Module with Internal CPU (X : The Cover is mean any color)	
23	I-8094F		High-speed 4-axis Motion Control Module with FRnet Master	V
24	I-8094F-X		High-speed 4-axis Motion Control Module with FRnet Master (X : The Cover is mean any color)	
25	I-8810	MiniOS7	I-8810 Embedded I/O unit	
26	I-8810-X	MiniOS7	I-8810 Embedded I/O unit (X : The Cover is mean any color)	
27	I-8811	MiniOS7	I-8811 Embedded Controller	
28	I-8811-X	MiniOS7	I-8811 Embedded Controller (X : The Cover is mean any color)	
29	I-8817	MiniOS7	8 slots ISaGRAF PAC	
30	I-8817-X	MiniOS7	8 slots ISaGRAF PAC (X : The Cover is mean any color)	
31	I-8830	MiniOS7	I-8830 Embedded I/O unit	
32	I-8830-X	MiniOS7	I-8830 Embedded I/O unit (X : The Cover is mean any color)	
33	I-8831	MiniOS7	I-8831 Embedded Controller	V
34	I-8831-X	MiniOS7	I-8831 Embedded Controller (X : The Cover is mean any color)	
35	I-8831-80	MiniOS7	I-8831-80 Embedded Controller	
36	I-8831-80-X	MiniOS7	I-8831-80 Embedded Controller (X : The Cover is mean any color)	
37	I-8831-MTCP	MiniOS7	Modbus/TCP Embedded Controller with 8 empty slots	
38	I-8831-MTCP-X	MiniOS7	Modbus/TCP Embedded Controller with 8 empty slots (X : The Cover is mean any color)	
39	I-8831-80-MTCP	MiniOS7	I-8831-MTCP (80M CPU)	
40	I-8831-80-MTCP-X	MiniOS7	I-8831-MTCP (80M CPU) (X : The Cover is mean any color)	



Item	Model Number	Software	Diversity	Mode 1
41	I-8837-80	MiniOS7	8 slots Faster CPU (80 MHz) Ethernet ISaGRAF PAC	
42	I-8837-80-X	MiniOS7	8 slots Faster CPU (80 MHz) Ethernet ISaGRAF PAC (X : The Cover is mean any color)	
43	I-87018RW		8-channel Thermocouple Input Module with High Overvoltage Protection	V
44	I-87018R-X		8-channel Thermocouple Input Module with High Overvoltage Protection (X : The Cover is mean any color)	
45	I-87018ZW		10-channel Thermocouple Input Module	V
46	I-87018ZW-X		10-channel Thermocouple Input Module (X : The Cover is mean any color)	
47	I-87018ZW/S		10-channel Thermocouple Input Module include I-87018Z module and DB-1820 daughter board	
48	I-87018ZW-G/S		10-channel Thermocouple Input Module include I-87018Z module and DB-1820 daughter board	
49	I-87018ZW/S2		10-channel Thermocouple Input Module include I-87018Z module ,DN-1822 daughter board and 1.8m cable	
50	I-87018ZW-G/S2		10-channel Thermocouple Input Module include I-87018Z module ,DN-1822 daughter board and 1.8m cable	
51	I-87017W-A5		8-channel High Voltage Input Module	V
52	I-87017W-A5-X		8-channel High Voltage Input Module (X : The Cover is mean any color)	
53	I-87017DW		8-channel Analog Input Module	V
54	I-87017DW-X		8-channel Analog Input Module (X : The Cover is mean any color)	
55	I-8142		2-Port RS-422/485 Module	V
56	I-8142-X		2-Port RS-422/485 Module (X : The Cover is mean any color)	
57	I-8410	MiniOS7	I-8410 Embedded I/O unit	
58	I-8410-X	MiniOS7	I-8410 Embedded I/O unit (X : The Cover is mean any color)	
59	I-8411	MiniOS7	I-8411 Embedded Controller	
60	I-8411-X	MiniOS7	I-8411 Embedded Controller (X : The Cover is mean any color)	



Item	Model Number	Software	Diversity	Mode 1
61	I-8417	MiniOS7	8 slots ISaGRAF PAC	
62	I-8417-X	MiniOS7	8 slots ISaGRAF PAC (X : The Cover is mean any color)	
63	I-8430	MiniOS7	I-8430 Embedded I/O unit	
64	I-8430-X	MiniOS7	I-8430 Embedded I/O unit (X : The Cover is mean any color)	
65	I-8431	MiniOS7	I-8431 Embedded Controller	V
66	I-8431-X	MiniOS7	I-8431 Embedded Controller (X : The Cover is mean any color)	
67	I-8431-80	MiniOS7	I-8431-80 Embedded Controller	
68	I-8431-80-X	MiniOS7	I-8431-80 Embedded Controller (X : The Cover is mean any color)	
69	I-8431-MTCP	MiniOS7	Modbus/TCP Embedded Controller with 4 empty slots	
70	I-8431-MTCP-X	MiniOS7	Modbus/TCP Embedded Controller with 4 empty slots (X : The Cover is mean any color)	
71	I-8431-80-MTCP	MiniOS7	I-8431-MTCP (80M CPU)	
72	I-8431-80-MTCP-X	MiniOS7	I-8431-MTCP (80M CPU) (X : The Cover is mean any color)	
73	I-8437-80	MiniOS7	4 slots Faster CPU (80 MHz) Ethernet ISaGRAF PAC	
74	I-8437-80-X	MiniOS7	4 slots Faster CPU (80 MHz) Ethernet ISaGRAF PAC (X : The Cover is mean any color)	
75	I-87019ZW		10-channel Universal Analog Input Module	V
76	I-87019ZW-X		10-channel Universal Analog Input Module (X : The Cover is mean any color)	
77	I-87019ZW-G/S		10-channel Universal Analog Input Module , Includes the I-87019ZW Module and a DB-1820 Daughter Board	
78	I-87019ZW-G/S2		10-channel Universal Analog Input Module , Includes the I-87019ZW Module, a DN-1822 Daughter Board and a 1.8 m Cable	
79	I-87019PW		8-channel Universal Analog Input Module	
80	I-87019PW-X		8-channel Universal Analog Input Module (X : The Cover is mean any color)	



Item	Model Number	Software	Diversity	Mode 1
81	I-87019PW-G/S		8-channel Universal Analog Input Module Includes the I-87019PW Module and a CN-1824 Daughter Board.	
82	I-87026		2-channel 16-bit analog output module	V
83	I-87026-X		2-channel 16-bit analog output module (X : The Cover is mean any color)	
84	I-87026PW		6-channel Analog Input, 2-channel Analog Output, 2-channel Digital Input and 2-channel Digital Output Module	V
85	I-87026PW-X		6-channel Analog Input, 2-channel Analog Output, 2-channel Digital Input and 2-channel Digital Output Module (X : The Cover is mean any color)	
86	I-87028CW		8-channel 12-bit Channel-to-Channel Isolated Current Output Module with Open-wire Detection	V
87	I-87028CW-X		8-channel 12-bit Channel-to-Channel Isolated Current Output Module with Open-wire Detection (X : The Cover is mean any color)	
88	iDS-728i-T		Intelligent Device Server with 2 RS-232/422/485 (RoHS,Terminal block)	V
89	iDS-728iM-T		Intelligent Device Server with 2 RS-232/422/485 (Metal Case,RoHS,Terminal block)	
90	tSH-722		Tiny Serial Port Sharer with PoE and 2 RS-232 Ports	V
91	tDS-722		Tiny Device Server with PoE and 2 RS-232 Ports	
92	tGW-722		Tiny Modbus/TCP to RTU/ASCII Gateway with PoE and 2 RS-232 Ports	
93	tSH-732		Tiny Serial Port Sharer with PoE and 3 RS-232 Ports	V
94	tDS-732		Tiny Device Server with PoE and 3 RS-232 Ports	
95	tGW-732		Tiny Modbus/TCP to RTU/ASCII Gateway with PoE and 3 RS-232 Ports	
96	tSH-725		Tiny Serial Port Sharer with PoE and 2 RS-485 Ports	V
97	tDS-725		Tiny Device Server with PoE and 2 RS-485 Ports	
98	tGW-725		Tiny Modbus/TCP to RTU/ASCII Gateway with PoE and 2 RS-485 Ports	
99	tSH-735		Tiny Serial Port Sharer with PoE and 3 RS-485 Ports	V
100	tDS-735		Tiny Device Server with PoE and 3 RS-485 Ports	



Item	Model Number	Software	Diversity	Mode 1
101	tGW-735		Tiny Modbus/TCP to RTU/ASCII Gateway with PoE and 3 RS-485 Ports	
102	tSH-724		Tiny Serial Port Sharer with PoE and 1 RS-232 and 1 485 Ports	V
103	tDS-724		Tiny Device Server with PoE and 1 RS-232 and 1 RS-485 Ports	
104	tGW-724		Tiny Modbus/TCP to RTU/ASCII Gateway with PoE and 1 RS-232 and 1 485 Ports	
105	tSH-734		Tiny Serial Port Sharer with PoE and 2 RS-232 and 1 485 Ports	V
106	tDS-734		Tiny Device Server with PoE and 2 RS-232 and 1 RS-485 Ports	
107	tGW-734		Tiny Modbus/TCP to RTU/ASCII Gateway with PoE and 2 RS-232 and 1 485 Ports	
108	tM-7530		Intelligent tiny RS-232/CAN converter	V
109	tDS-715i		Tiny Device Server with PoE and 1 Isolated RS-422/485 Port	V
110	tGW-715i		Tiny Modbus/TCP to RTU/ASCII Gateway with PoE and 1 Isolated RS-422/485	
111	CAN-8423		CANopen Remote I/O Unit with 4 I/O Expansions	V
112	CAN-8423-X		CANopen Remote I/O Unit with 4 I/O Expansions (X : The Cover is mean any color)	
113	CAN-8223		CANopen Remote I/O Unit with 2 I/O Expansions	
114	CAN-8223-X		CANopen Remote I/O Unit with 2 I/O Expansions (X : The Cover is mean any color)	
115	CAN-8123		CANopen Remote I/O Unit with 1 I/O Expansions	
116	CAN-8123-X		CANopen Remote I/O Unit with 1 I/O Expansions (X : The Cover is mean any color)	
117	CAN-8424		DeviceNet Embedded Device with 4 empty slots	
118	CAN-8424-X		DeviceNet Embedded Device with 4 empty slots (X : The Cover is mean any color)	
119	CAN-8224		DeviceNet Embedded Device with 2 empty slots	
120	CAN-8224-X		DeviceNet Embedded Device with 2 empty slots (X : The Cover is mean any color)	



Item	Model Number	Software	Diversity	Mode 1
121	CAN-8124		DeviceNet Embedded Device with 1 empty slots	
122	CAN-8124-X		DeviceNet Embedded Device with 1 empty slots (X : The Cover is mean any color)	
123	I-7580		PROFINET to RS-232/422/485 Converter	V
124	TPD-280-M1		2.8" Touch HMI device with RS-485	
125	TPD-280-M2		2.8" Touch HMI device with RS-485	
126	TPD-280-M3		2.8" Touch HMI device with RS-485	V
127	TPD-283-M1		2.8" Touch HMI device with Ethernet, PoE	
128	TPD-283-M2		2.8" Touch HMI device with Ethernet, PoE	
129	TPD-283-M3		2.8" Touch HMI device with Ethernet, PoE	
130	TPD-283U-M1		2.8" Touch HMI device with Ethernet, PoE, RS-485(including Self-Tuner)	
131	TPD-283U-M2		2.8" Touch HMI device with Ethernet, PoE, RS-485 (including Self-Tuner)	
132	TPD-283U-M3		2.8" Touch HMI device with Ethernet, PoE, RS-485 (including Self-Tuner)	
133	NS-208		Unmanaged 8-Port Industrial 10/100 Base-TX Ethernet Switch with Power Input +10 VDC ~ +30 VDC	V
134	DP-1200		24V / 5A Power Supply	V
135	NS-205G		Unmanaged 5-port Industrial 10/100/1000 Base-T Ethernet Switch	V

Remark : 1. For more details, please refer to the User's manual of the EUT.
2. The model SV-2201-CE7 System was considered the main model for testing.



6. SETUP OF EQUIPMENT UNDER TEST

SUPPORT EQUIPMENT

No.	Product	Manufacturer	Model No.	Serial No.
1	PC	ICP DAS	---	---
2	Mouse	HP	M-UAE96	265986-011
3	Keyboard	HP	KU-0316	382926-AB1
4	LCD Monitor	DELL	2407WFPb	CN-0FC255-46633-6 CP-06JS

PC Keypart Information				
	Main	Software	Diversity	Mode 1
1-1	PEX-DA4		PCI Express, 4-channel D/A board Includes one CA-4002 D-Sub connector.	
1-2	PEX-DA8		PCI Express, 8-channel D/A board Includes one CA-4002 D-Sub connector.	
1-3	PEX-DA16		PCI Express, 16-channel D/A board Includes one CA-4002 D-Sub connector.	V
1-4	PISO-C64		64-channel Optically Isolated Open-collector Digital Output Board (Current Sinking). Includes software : NAPDOS. Includes one CA-4037B cable and two CA-4002 D-Sub connectors.	
1-5	PISO-C64U		Universal PCI, 64-channel Optically Isolated Open-collector Digital Output Board (Current Sinking) Includes one CA-4037B cable and two CA-4002 D-Sub connectors.	V
1-6	PIO-D168		168-channel OPTO-22 DIO board	
1-7	PIO-D168U		Universal PCI, 168-channel OPTO-22 DIO board	V

Support Unit					
	Product	Manufacturer	Model Number	Serial Number	Power Cord
1	Industrial Power Supply	ICP DAS	DP-1200	N/A	Non-Shielded, 1.7m With one core