



VERIFICATION OF COMPLIANCE

This Verification of Compliance is hereby issued to the below named company. The test results of this report relate only to the tested sample identified in this report.

Technical Standard: **FCC Part 15 Class A**
 IC ICES-003 Issue 5

General Information

Applicant: ICP DAS CO., LTD.
 No. 111, Guangfu N. Rd., Hukou Township, Hsinchu
 County 30351, Taiwan, R.O.C.

Product Description

EUT Description: ICP DAS I/O System
Model Number: WP-8841 System
Data Applies To: Please refer to section 2
Trade Name: ICP DAS

Laboratory Name: ***Compliance Certification Services Inc. (Hsin-Chu Lab).***
 NO. 989-1 Wen Shan Rd., Shang Shan Village,
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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: T150116S01-D



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



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 I/O System
Model : WP-8841 System
Data Applies To : Please refer to section 2
Trade Name : ICP DAS
Tested Date : January 16 ~ February 09, 2015

APPLICABLE STANDARD		
Standard	Item	Test Result
FCC Part 15 Subpart B, CLASS A AND ANSI C63.4:2009 IC ICES-003 Issue 5	Radiated Emission	PASS
	Conducted Emission	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:

Rex Liao
Deputy Manager

Reviewed by:

Jacky Chen
Section Manager



2. EUT DESCRIPTION

Product Name	ICP DAS I/O System
Model Number	WP-8841 System
Data Applies To	Please refer to section 2
Identify Number	T150116S01
Received Date	January 16, 2015
Power Rating	110-230Vac, 50-60Hz
Test Voltage	120Vac/60Hz
AC Power Cable Type	Non-shielded cable 1.6m x 1 (Non-detachable)
Signal Cable	Non-shielded RJ-45 cable 0.4m x 1 (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	DS-712		Device Server with 1 RS-232 port	V
2	DS-712-X		Device Server with 1 RS-232 port (X : The Cover is mean any color)	
3	DS-715		Device Server with 1Isolated RS-422/RS-485 port	V
4	DS-715-X		Device Server with 1Isolated RS-422/RS-485 port (X : The Cover is mean any color)	
5	WP-5151	Windows CE 5.0	Standard WinPAC-5000	
6	WP-5151-EN	Windows CE 5.0	Standard WinPAC-5000 (English Version of OS)	
7	WP-5151-SC	Windows CE 5.0	Standard WinPAC-5000 (Simplified Chinese Version of OS)	
8	WP-5151-TC	Windows CE 5.0	Standard WinPAC-5000 (Traditional Chinese Version of OS)	
9	WP-5151-OD	Windows CE 5.0	Standard WinPAC-5000 with Audio	V
10	WP-5151-OD-EN	Windows CE 5.0	Standard WinPAC-5000 with Audio (English Version of OS)	



Item	Model Number	Software	Diversity	Mode 1
11	WP-5151-OD-SC	Windows CE 5.0	Standard WinPAC-5000 with Audio (Simplified Chinese Version of OS)	
12	WP-5151-OD-TC	Windows CE 5.0	Standard WinPAC-5000 with Audio (Traditional Chinese Version of OS)	
13	ET-7204		Ethernet I/O Module with 2-port Ethernet Switch, with 4-channels AI, 4-channels AO, 4-channels DI	
14	PET-7204		PoE Ethernet I/O Module with 2-port Ethernet Switch, with 4-channels AI, 4-channels AO, 4-channels DI	V
15	WP-8149	Windows CE 5.0	InduSoft based WinPAC-8000 with 1 I/O slots	
16	WP-8149-EN	Windows CE 5.0	InduSoft based WinPAC-8000 with 1 I/O slots (English version of OS)	
17	WP-8149-TC	Windows CE 5.0	InduSoft based WinPAC-8000 with 1 I/O slots (Traditional Chinese version of OS)	
18	WP-8149-SC	Windows CE 5.0	InduSoft based WinPAC-8000 with 1 I/O slots (Simplified Chinese version of OS)	
19	WP-8449	Windows CE 5.0	InduSoft based WinPAC-8000 with 4 I/O slots	
20	WP-8449-EN	Windows CE 5.0	InduSoft based WinPAC-8000 with 4 I/O slots (English version of OS)	
21	WP-8449-TC	Windows CE 5.0	InduSoft based WinPAC-8000 with 4 I/O slots (Traditional Chinese version of OS)	
22	WP-8449-SC	Windows CE 5.0	InduSoft based WinPAC-8000 with 4 I/O slots (Simplified Chinese version of OS)	
23	WP-8849	Windows CE 5.0	InduSoft based WinPAC-8000 with 8 I/O slots	
24	WP-8849-EN	Windows CE 5.0	InduSoft based WinPAC-8000 with 8 I/O slots (English version of OS)	
25	WP-8849-TC	Windows CE 5.0	InduSoft based WinPAC-8000 with 8 I/O slots (Traditional Chinese version of OS)	
26	WP-8849-SC	Windows CE 5.0	InduSoft based WinPAC-8000 with 8 I/O slots (Simplified Chinese version of OS)	
27	WP-8139	Windows CE 5.0	InduSoft based WinPAC-8000 with 1 I/O slots	
28	WP-8139-EN	Windows CE 5.0	InduSoft based WinPAC-8000 with 1 I/O slots (English version of OS)	
29	WP-8139-TC	Windows CE 5.0	InduSoft based WinPAC-8000 with 1 I/O slots (Traditional Chinese version of OS)	
30	WP-8139-SC	Windows CE 5.0	InduSoft based WinPAC-8000 with 1 I/O slots (Simplified Chinese version of OS)	
31	WP-8439	Windows CE 5.0	InduSoft based WinPAC-8000 with 4 I/O slots	
32	WP-8439-EN	Windows CE 5.0	InduSoft based WinPAC-8000 with 4 I/O slots (English version of OS)	
33	WP-8439-TC	Windows CE 5.0	InduSoft based WinPAC-8000 with 1 I/O slots (Traditional Chinese version of OS)	
34	WP-8439-SC	Windows CE 5.0	InduSoft based WinPAC-8000 with 4 I/O slots (Simplified Chinese version of OS)	
35	WP-8839	Windows CE 5.0	InduSoft based WinPAC-8000 with 8 I/O slots	



Item	Model Number	Software	Diversity	Mode 1
36	WP-8839-EN	Windows CE 5.0	InduSoft based WinPAC-8000 with 8 I/O slots (English version of OS)	
37	WP-8839-TC	Windows CE 5.0	InduSoft based WinPAC-8000 with 8 I/O slots (Traditional Chinese version of OS)	
38	WP-8839-SC	Windows CE 5.0	InduSoft based WinPAC-8000 with 8 I/O slots (Simplified Chinese version of OS)	
39	WP-8146	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot	
40	WP-8146-EN	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot (English version of OS)	
41	WP-8146-TC	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot (Traditional Chinese version of OS)	
42	WP-8146-SC	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot (Simplified Chinese version of OS)	
43	WP-8446	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots	
44	WP-8446-EN	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots (English version of OS)	
45	WP-8446-TC	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots (Traditional Chinese version of OS)	
46	WP-8446-SC	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots (Simplified Chinese version of OS)	
47	WP-8846	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 8 I/O slots	
48	WP-8846-EN	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 8 I/O slots (English version of OS)	
49	WP-8846-TC	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 8 I/O slots (Traditional Chinese version of OS)	
50	WP-8846-SC	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 8 I/O slots (Simplified Chinese version of OS)	
51	WP-8136	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot	
52	WP-8136-EN	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot (English version of OS)	
53	WP-8136-TC	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot (Traditional Chinese version of OS)	
54	WP-8136-SC	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot (Simplified Chinese version of OS)	
55	WP-8436	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots	



Item	Model Number	Software	Diversity	Mode 1
56	WP-8436-EN	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots (English version of OS)	
57	WP-8436-TC	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slots (Traditional Chinese version of OS)	
58	WP-8436-SC	Windows CE 5.0	InduSoft and ISaGRAFbased WinPAC-8000 with 4 I/O slots (Simplified Chinese version of OS)	
59	WP-8836	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 8 I/O slots	
60	WP-8836-EN	Windows CE 5.0	InduSoft and ISaGRAF based WinPAC-8000 with 8 I/O slots (English version of OS)	
61	WP-8836-TC	Windows CE 5.0	InduSoft and ISaGRAFbased WinPAC-8000 with 8 I/O slots (Traditional Chinese version of OS)	
62	WP-8836-SC	Windows CE 5.0	InduSoft and ISaGRAFbased WinPAC-8000 with 8 I/O slots (Simplified Chinese version of OS)	
63	WP-8141	Windows CE 5.0	Standard WinPAC-8000 with 1 I/O slots	
64	WP-8141-EN	Windows CE 5.0	Standard WinPAC-8000 with 1 I/O slots (English verison of OS)	
65	WP-8141-TC	Windows CE 5.0	Standard WinPAC-8000 with 1 I/O slots (Traditional Chinese verison of OS)	
66	WP-8141-SC	Windows CE 5.0	Standard WinPAC-8000 with 1 I/O slots (Simplified Chinese verison of OS)	
67	WP-8441	Windows CE 5.0	Standard WinPAC-8000 with 4 I/O slots	
68	WP-8441-EN	Windows CE 5.0	Standard WinPAC-8000 with 4 I/O slots (English verison of OS)	
69	WP-8441-TC	Windows CE 5.0	Standard WinPAC-8000 with 4 I/O slots (Traditional Chinese verison of OS)	
70	WP-8441-SC	Windows CE 5.0	Standard WinPAC-8000 with 4 I/O slots (Simplified Chinese verison of OS)	
71	WP-8841	Windows CE 5.0	Standard WinPAC-8000 with 8 I/O slots	V
72	WP-8841-EN	Windows CE 5.0	Standard WinPAC-8000 with 8 I/O slots (English verison of OS)	
73	WP-8841-TC	Windows CE 5.0	Standard WinPAC-8000 with 8 I/O slots (Traditional Chinese verison of OS)	
74	WP-8841-SC	Windows CE 5.0	Standard WinPAC-8000 with 8 I/O slots (Simplified Chinese verison of OS)	
75	WP-8131	Windows CE 5.0	Standard WinPAC-8000 with 1 I/O slots	
76	WP-8131-EN	Windows CE 5.0	Standard WinPAC-8000 with 1 I/O slots (English verison of OS)	
77	WP-8131-TC	Windows CE 5.0	Standard WinPAC-8000 with 1 I/O slots (Traditional Chinese verison of OS)	
78	WP-8131-SC	Windows CE 5.0	Standard WinPAC-8000 with 1 I/O slots (Simplified Chinese verison of OS)	
79	WP-8431	Windows CE 5.0	Standard WinPAC-8000 with 4 I/O slots	
80	WP-8431-EN	Windows CE 5.0	Standard WinPAC-8000 with 4 I/O slots (English verison of OS)	



Item	Model Number	Software	Diversity	Mode 1
81	WP-8431-TC	Windows CE 5.0	Standard WinPAC-8000 with 4 I/O slots (Traditional Chinese verison of OS)	
82	WP-8431-SC	Windows CE 5.0	Standard WinPAC-8000 with 4 I/O slots (Simplified Chinese verison of OS)	
83	WP-8831	Windows CE 5.0	Standard WinPAC-8000 with 8 I/O slots	
84	WP-8831-EN	Windows CE 5.0	Standard WinPAC-8000 with 8 I/O slots (English verison of OS)	
85	WP-8831-TC	Windows CE 5.0	Standard WinPAC-8000 with 8 I/O slots (Traditional Chinese verison of OS)	
86	WP-8831-SC	Windows CE 5.0	Standard WinPAC-8000 with 8 I/O slots (Simplified Chinese verison of OS)	
87	WP-8147	Windows CE 5.0	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000	
88	WP-8147-EN	Windows CE 5.0	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage)	
89	WP-8147-TC	Windows CE 5.0	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese)	
90	WP-8147-SC	Windows CE 5.0	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese)	
91	WP-8447	Windows CE 5.0	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000	
92	WP-8447-EN	Windows CE 5.0	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage)	
93	WP-8447-TC	Windows CE 5.0	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese)	
94	WP-8447-SC	Windows CE 5.0	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese)	
95	WP-8847	Windows CE 5.0	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000	
96	WP-8847-EN	Windows CE 5.0	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage)	
97	WP-8847-TC	Windows CE 5.0	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese)	
98	WP-8847-SC	Windows CE 5.0	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese)	
99	WP-8137	Windows CE 5.0	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000	
100	WP-8137-EN	Windows CE 5.0	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage)	
101	WP-8137-TC	Windows CE 5.0	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese)	
102	WP-8137-SC	Windows CE 5.0	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese)	
103	WP-8437	Windows CE 5.0	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000	
104	WP-8437-EN	Windows CE 5.0	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage)	
105	WP-8437-TC	Windows CE 5.0	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese)	
106	WP-8437-SC	Windows CE 5.0	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese)	



Item	Model Number	Software	Diversity	Mode 1
107	WP-8837	Windows CE 5.0	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000	
108	WP-8837-EN	Windows CE 5.0	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage)	
109	WP-8837-TC	Windows CE 5.0	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese)	
110	WP-8837-SC	Windows CE 5.0	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese)	
111	WP-8148	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 1 I/O Slot	
112	WP-8148-EN	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 1 I/O Slot (Multilanguage Version of OS)	
113	WP-8148-TC	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 1 I/O Slot (Traditional Chinese Version of OS)	
114	WP-8148-SC	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 1 I/O Slot (Simplified Chinese Version of OS)	
115	WP-8448	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 4 I/O Slots	
116	WP-8448-EN	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 4 I/O Slots (Multilanguage Version of OS)	
117	WP-8448-TC	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 4 I/O Slots (Traditional Chinese Version of OS)	
118	WP-8448-SC	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 4 I/O Slots (Simplified Chinese Version of OS)	
119	WP-8848	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 8 I/O Slots	
120	WP-8848-EN	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 8 I/O Slots (Multilanguage Version of OS)	
121	WP-8848-TC	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 8 I/O Slots (Traditional Chinese Version of OS)	
122	WP-8848-SC	Windows CE 5.0	Win-GRAF based WinPAC-8000 with 8 I/O Slots (Simplified Chinese Version of OS)	
123	GTM-201-RS232		Industrial Quad-band GPRS/GSM Modem with RS-232 Interface	
124	GTM-201-USB		Industrial Quad-band GPRS/GSM Modem with USB Interface	
125	GTM-201-3GWA		Industrial Tri-band 3G WCDMA modem	
126	GTM-201P-3GWA		Industrial Tri-band 3G WCDMA modem with GPS function	V
127	I-87069W		8-channel PhotoMOS Relay Output Module	V
128	I-87069W-X		8-channel PhotoMOS Relay Output Module (X : The Cover is mean any color)	
129	I-87061PW		16-channel Power Relay Output Module (Each Relay Output Channel is Independent)	V
130	I-87061PW-X		16-channel Power Relay Output Module (Each Relay Output Channel is Independent) (X : The Cover is mean any color)	



Item	Model Number	Software	Diversity	Mode 1
131	I-87082W		2-channel Counter/Frequency Module	V
132	I-87082W-X		2-channel Counter/Frequency Module (X : The Cover is mean any color)	
133	I-87084W		4-/8-channel Counter/Frequency/Encoder Module	V
134	I-87084W-X		4-/8-channel Counter/Frequency/Encoder Module (X : The Cover is mean any color)	
135	I-87019PW		8-channel Universal Analog Input Module	V
136	I-87019PW-X		8-channel Universal Analog Input Module (X : The Cover is mean any color)	
137	I-87019PW/S		8-channel Universal Analog Input Module Includes the I-87019PW Module and a CN-1824 Daughter Board.	
138	I-87019PW-G/S		8-channel Universal Analog Input Module (Gray Cover) (RoHS) Includes the I-87019PW Module and a CN-1824 Daughter Board.	
139	I-87024DW		4-channel 14-bit analog output module	V
140	I-87024DW-X		4-channel 14-bit analog output module (X : The Cover is mean any color)	
141	I-87068W		4-channel Form A Power Relay Output and 4-channel Form C Power Relay Output Module	
142	I-87068W-X		4-channel Form A Power Relay Output and 4-channel Form C Power Relay Output Module (X : The Cover is mean any color)	
143	I-87068W-2A		4-channel Form A Signal Relay Output and 4-channel Form C Signal Relay Output Module	V
144	I-87068W-2A-X		4-channel Form A Signal Relay Output and 4-channel Form C Signal Relay Output Module (X : The Cover is mean any color)	
145	I-87026PW		6-channel Analog Input, 2-channel Analog Output, 2-channel Digital Input and 2-channel Digital Output Module	V
146	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)	
147	I-87051		16-channel Non-Isolated Digital Input Module with 16-bit Counters	V
148	I-87051-X		16-channel Non-Isolated Digital Input Module with 16-bit Counters (X : The Cover is mean any color)	
149	I-87042W		16-channel Isolated Digital Input & 16-channel Isolated Digital Output Module	V
150	I-87042W-X		16-channel Isolated Digital Input & 16-channel Isolated Digital Output Module (X : The Cover is mean any color)	



Item	Model Number	Software	Diversity	Mode 1
151	I-87037W		16-channel source type Isolated Digital Output Module	V
152	I-87037W-X		16-channel source type Isolated Digital Output Module (X : The Cover is mean any color)	
153	M-7017RMS		8-channel True RMS Input Module	V
154	M-7017RMS-X		8-channel True RMS Input Module (X : The Cover is mean any color)	
155	PROFI-5018/S		PROFIBUS Remote I/O Module (10-Channel Thermocouple input) include PROFI-5018 module and a DB-1820 daughter board	
156	PROFI-5018		PROFIBUS Remote I/O Module (10-Channel Thermocouple input)	V
157	PROFI-5045		PROFIBUS Remote I/O Module (24-channel Isolated Digital Output)	V
158	PDS-734		Programmable Device Server with 1 RS-232 port, 1 RS-485 port and 1 RS-422/485 port Includes One CA-0910 Cable	
159	PDSM-734		PDS-734 with Metal Case	
160	PDS-734D		Programmable Device Server with 1 RS-232 port, 1 RS-485 port, 1 RS-422/485 port and an LED Display Includes One CA-0910 Cable	V
161	PDSM-734D		PDS-734D with Metal Case	
162	PPDS-734-MTCP		Programmable Device Server with PoE, Modbus Gateway, 1 RS-232 port, 1 RS-485 port and 1 RS-422/485 port Includes One CA-0910 Cable	
163	PPDSM-734-MTCP		PPDS-734-MTCP with Metal Case	
164	PPDS-734D-MTCP		Programmable Device Server with PoE, Modbus Gateway, 1 RS-232 port, 1 RS-485 port, 1 RS-422/485 port and an LED Display Includes One CA-0910 Cable	
165	PPDSM-734D-MTCP		PPDS-734D-MTCP with Metal Case	
166	PDS-811		Programmable Device Server with 1 Expansion Slot Includes One CA-0910 Cable.	V
167	PDS-821		Programmable Device Server with 2 Expansion Slots Includes One CA-0910 Cable.	V
168	PDS-732		Programmable Device Server with 2 RS-232 ports and 1 RS-485 port Includes One CA-0910 Cable	
169	PDSM-732		PDS-732 CR with Metal Case	
170	PDS-732D		Programmable Device Server with 2 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	V



Item	Model Number	Software	Diversity	Mode 1
171	PDSM-732D		PDS-732D CR with Metal Case	
172	PPDS-732-MTCP		Programmable Device Server with PoE, Modbus Gateway, 2 RS-232 port and 1 RS-485 port Includes One CA-0910 Cable	
173	PPDSM-732-MTCP		PPDS-732-MTCP CR with Metal Case	
174	PPDS-732D-MTCP		Programmable Device Server with PoE, Modbus Gateway, 2 RS-232 port, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	
175	PPDSM-732D-MTCP		PPDS-732D-MTCP CR with Metal Case	
176	uPAC-7186EX-FD		Palm-size μ PAC(80MHz CPU,10/100 Ethernet,512K SRAM,512K Flash and 64MB Flash Disk,RS-232*1,RS-485*1	
177	uPAC-7186EXD-FD		Palm-size μ PAC(80MHz CPU,10/100 Ethernet,512K SRAM,512K Flash , and 64MB Flash Disk RS-232*1,RS-485*1,with 7-segment display	
178	uPAC-7186EX-MTCP		μ PAC-7186EX with default Modbus/TCP firmware	
179	uPAC-7186EXD-MTCP		μ PAC-7186EXD with default Modbus/TCP firmware	
180	PDS-742		Programmable Device Serverwith 3 RS-232 ports and 1 RS-485 port Includes One CA-0910Cable	
181	PDSM-742		PDS-742 CR with Metal Case	
182	PDS-742D		Programmable Device Serverwith 3 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910Cable	V
183	PDSM-742D		PDS-742D CR with Metal Case	
184	PPDS-742-MTCP		Programmable Device Server with PoE, Modbus Gateway, 3 RS-232 ports and 1 RS-485 port Includes One CA-0910 Cable	
185	PPDSM-742-MTCP		PPDS-742-MTCP CR with Metal Case	
186	PPDS-742D-MTCP		Programmable Device Server with PoE, Modbus Gateway, 3 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	
187	PPDSM-742D-MTCP		PPDS-742D-MTCP CR with Metal Case	
188	NS-208		Unmanaged 8-Port Industrial 10/100 Base-TX Ethernet Switch with Power Input +10 VDC ~ +30 VDC	V
189	SG-3383		1 channel current input to 3 channels current outputs signal conditioning module	V
190	DDC-6170		24-channel DDC Controller (Includes 8-channel Universal Input, 4-channel Universal Output, 8-channel Digital Input and 4-channel Digital Output)	V

Remark : 1. For more details, please refer to the User's manual of the EUT.
2. The model WP-8841 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-C64		PCI Express, 64-channel Optically Isolated Open-collector Digital Output Board (Current Sinking) Includes one CA-4037B cable and two CA-4002 D-Sub connectors.	V
1-2	PISO-P8SSR8A C		8-channel isolated AC type SSR Output with isolated digital input Board Includes one CA-4002 D-Sub connector.	
1-3	PISO-P8SSR8D C		8-channel isolated DC type SSR Output with isolated digital input Includes one CA-4002 D-Sub connector.	
1-4	PISO-P8R8		8- channel Relay Output with isolated digital input Board. Includes one CA-4002 D-Sub connector.	
1-5	PISO-P8R8U		Universal PCI, 8-channel Relay Output with isolated digital input Board Includes one CA-4002 D-Sub connector.	V
1-6	PIO-821HU		Universal PCI, 45 kS/s High gain 12-bit,16-channel input, 1-channel D/A, Digital I/O board.	
1-7	PIO-821LU		Universal PCI, 45 kS/s Low gain 12-bit,16-channel input, 1-channel D/A, Digital I/O board.	V
1-8	PIO-821HU/S		PIO-821HU + Daughter Board DB-8225.	
1-9	PIO-821LU/S		PIO-821LU + Daughter Board DB-8225.	
1-10	PIO-821H/S		PIO-821H + Daughter Board DB-8225.	
1-11	PIO-821L/S		PIO-821L + Daughter Board DB-8225.	
1-12	PIO-821L		PCI bus, 45 kS/s Low gain 12-bit,16-channel input, 1-channel D/A, Digital I/O board.	
1-13	PIO-821H		PCI bus, 45 kS/s High gain 12-bit,16-channel input, 1-channel D/A, Digital I/O board.	

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