



EMC Test Report

Product Type : ICP DAS with Converter
Applicant : ICP DAS CO., LTD.
Address : No. 111, Kuangfu N. Rd., Hukon Shiang, Hsinchu, Taiwan 303, R.O.C
Trade Name : ICP DAS
Model Number : MP-8743
Test Specification : EN 55022: 2010 +AC:2011 / Class A
EN 55024: 2010
EN 61000-3-2: 2006 +A1:2009 + A2: 2009 / Class D
EN 61000-3-3: 2008
Receive Date : Oct. 18, 2013
Test Period : Oct. 21 ~ 24, 2013
Issue Date : Nov. 05, 2013

Issue by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade City,
Taoyuan County 334, Taiwan R.O.C.
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Taiwan Accreditation Foundation accreditation number: 1330

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Verification of Compliance

Issued Date: 2013/11/05

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Applicant : ICP DAS CO., LTD.
Address : No. 111, Kuangfu N. Rd., Hukon Shiang, Hsinchu, Taiwan 303,
R.O.C
Trade Name : ICP DAS
Model Number : MP-8743
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 D
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.



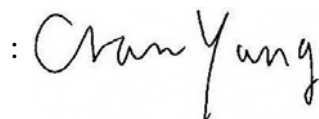
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<http://www.atl-lab.com.tw/e-index.htm>

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)

Feature of Equipment under Test :

The model listed below is series model to MP-8743.

Main	Software	Diversity	Mode 1
G-4511-2G	---	2G GSM Power Saving PAC with Solar charger (RoHS)	
G-4511D-2G	---	2G GSM Power Saving PAC with Solar charger and LCD display (RoHS)	
G-4511P-2G	---	2G GSM Power Saving PAC with Solar charger and GPS Function (RoHS)	
G-4511PD-2G	---	2G GSM Power Saving PAC with Solar charger, LCD display and GPS Function (RoHS)	V
SMS-530	---	Intelligent 3G SMS Alarm Controller (RoHS)	V
SMS-531	---	Intelligent 3G Modbus SMS/Voice Alarm Controller (RoHS)	
SMS-534	---	Intelligent 3G SMS/Voice Alarm Controller (RoHS, include: 4G micro SD card)	
GT-530	---	Intelligent SMS Alarm Controller (RoHS)	V
GT-531	---	Intelligent Modbus SMS/GSM Alarm Controller (RoHS) (without microSD card)	
GT-534	---	Intelligent SMS/GSM Alarm Controller (RoHS, include: 2G micro SD card)	
DB-24PRD/12	---	24-channel relay Output Board (12V)(RoHS)	
DB-24PRD/24	---	24-channel relay Output Board (24V)(RoHS)	
DB-24RD/12V	---	24-channel relay Output Board (12V) (RoHS)	
DB-24RD/24V	---	24-channel relay Output Board (24V) (RoHS)	V
DB-24R/12V	---	24-channel OPTO-22 compatible relay Output Board (12V) (RoHS)	
DB-24R/24V	---	24-channel OPTO-22 compatible relay Output Board (24V) (RoHS)	
VPD-142N	---	4.3" Touch HMI device with RS-232/RS-485, USB, RTC,support XV-board (RoHS)	
VPD-142	---	4.3" Touch HMI device with RS-232/RS-485, USB, RTC, Rubber Keypad, support XV-board (RoHS)	
VPD-143N	---	4.3" Touch HMI device with Ethernet, RS-232/RS-485, USB, RTC, support XV-board (RoHS)	
VPD-143	---	4.3" Touch HMI device with Ethernet, RS-232/RS-485, USB, RTC, Rubber Keypad, support XV-board (RoHS)	V
XV308	---	8-channel Isolated Analog Input and 8-channel Isolated Universal Digital Input/Output Expansion Board.	V
NS-205PSE-IP67	---	Industrial 5-port unmanaged IP67 Ethernet switch with PoE Includes IP67 RJ45 Plug x 5, IP67 Power Plug x 1, Cap with Tether x 5 (RoHS)	V
NS-205-IP67	---	Industrial 5-port unmanaged IP67 Ethernet switch Includes IP67 RJ45 Plug x 5, IP67 Power Plug x 1, Cap with Tether x 5 (RoHS)	
I-8090W	---	3-axis Encoder Module	
I-8091W	---	2-axis Stepping/Servo motor Control Module	
I-8093W	---	3-axis Encoder Module	V
I-87024CW	---	4-channel 12-bit Channel-to-Channel Isolated Current Output Module with Open-wire Detection (Gray Cover) (RoHS)	V
I-87024RW	---	4-channel 14-bit analog output module with RF Immunity (Gray Cover) (RoHS)	

Main	Software	Diversity	Mode 1
SG-770	---	7/14 channel Surge Protector (RoHS)	V
SG-785	---	The RS-485 pull-high/pull-low and termination resistors module (RoHS)	V
I-87028VW	---	8-Channel 12-bit Channel-to-Channel Isolated 0 ~ 10 VDC Voltage Output Module (Gray Cover) (RoHS)	V
I-87028VW-20V	---	8-Channel 12-bit Channel-to-Channel Isolated 0 ~ 20 VDC Voltage Output Module (Gray Cover) (RoHS)	
PROFI-2510	---	Isolated PROFIBUS Repeater (RoHS)	V
PROFI-2541	---	PROFIBUS DP to Fiber Optic Converter - ST-Type (RoHS)	V
PROFI-2541-SC	---	PROFIBUS DP to Fiber Optic Converter - SC-Type (RoHS)	
I-7550	---	PROFIBUS to RS-232/422/485 Converter (RoHS)	V
GW-7552-B	---	PROFIBUS/Modbus Gateway (RoHS)	V
GW-7553-B	---	PROFIBUS/Modbus TCP Gateway (RoHS)	
NS-208PSE	---	8-port Industrial 10/100 Mbps Ethernet with 8-PoE (PSE) Switch (RoHS)	V
NS-208PSE-4	---	8-port Industrial 10/100 Mbps Ethernet with 4-PoE (PSE) Switch (RoHS)	
NSM-208PSE	---	8-port Industrial 10/100 Mbps Ethernet with 8-PoE (PSE) Switch; Metal Casing (RoHS)	
NSM-208PSE-4	---	8-port Industrial 10/100 Mbps Ethernet with 4-PoE (PSE) Switch; Metal Casing (RoHS)	
CAN-2017C	---	CANopen slave module of 8-channel analog inputs	V
CAN-2017D	---	DeviceNet Slave Module of 8-channel Differential Analog Input	
CAN-2024C	---	CANopen module of 4-channel 14-bit analog output module	
CAN-2024D	---	DeviceNet Slave Module of 4-channel 14-bit Analog Output	
CAN-2053C	---	CANopen Module of 16-channel Isolated Sink/Source Digital Input	
CAN-2053D	---	DeviceNet Module of 16-channel Isolated Sink/Source Digital Input	
CAN-2054C	---	CANopen module of 8-channel DI and DO	
CAN-2054D	---	DeviceNet module of 8-channel DI and DO	
CAN-2055C	---	CANopen slave module of 8-channel DI and DO	
CAN-2057C	---	CANopen Module of 16-channel Isolated Open-collector Digital Output	
CAN-2057D	---	DeviceNet Module of 16-channel Isolated Open Collector Digital Output	
CAN-2088C	---	CANopen module of 8-channel PWM and 8-channel High Speed Counter	
CAN-2088D	---	DeviceNet module of 8-channel PWM and 8-channel High Speed Counter	
MP-8343	---	Standard MP-8343 PAC with 3 I/O Slots (Multilingual OS) (RoHS)	
MP-8743	---	Standard MP-8743 PAC with 7 I/O Slots (Multilingual OS) (RoHS)	V
MP-8353	---	Standard MP-8353-Atom PAC with 3 I/O Slots (Multilingual OS) (RoHS)	
MP-8753	---	Standard MP-8753-Atom PAC with 7 I/O Slots (Multilingual OS) (RoHS)	

Main	Software	Diversity	Mode 1
I-8037W	---	16-channel Isolated Open Collector Output Module (Gray Cover) (RoHS)	V
I-8051W	---	16-channel Non-isolation Digital Input Module (Gray Cover) (RoHS)	V
I-8054W	---	16-channel Isolated Digital I/O Module (Gray Cover) (RoHS)	V
WP-8141-EN	---	Standard WinPAC-8000 with 1 I/O slots (English verison of OS)	
WP-8141-TC	---	Standard WinPAC-8000 with 1 I/O slots (Traditional Chinese verison of OS)	
WP-8141-SC	---	Standard WinPAC-8000 with 1 I/O slots (Simplified Chinese verison of OS)	
WP-8441-EN	---	Standard WinPAC-8000 with 4 I/O slots (English verison of OS)	
WP-8441-TC	---	Standard WinPAC-8000 with 4 I/O slots (Traditional Chinese verison of OS)	
WP-8441-SC	---	Standard WinPAC-8000 with 4 I/O slots (Simplified Chinese verison of OS)	
WP-8841-EN	---	Standard WinPAC-8000 with 8 I/O slots (English verison of OS)	V
WP-8841-TC	---	Standard WinPAC-8000 with 8 I/O slots (Traditional Chinese verison of OS)	V
WP-8841-SC	---	Standard WinPAC-8000 with 8 I/O slots (Simplified Chinese verison of OS)	V
WP-8147-EN	ISaGRAF	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage) (RoHS)	
WP-8147-TC	ISaGRAF	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese) (RoHS)	
WP-8147-SC	ISaGRAF	1 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese) (RoHS)	
WP-8447-EN	ISaGRAF	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage) (RoHS)	
WP-8447-TC	ISaGRAF	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese) (RoHS)	
WP-8447-SC	ISaGRAF	4 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese) (RoHS)	
WP-8847-EN	ISaGRAF	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Multilanguage) (RoHS)	
WP-8847-TC	ISaGRAF	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Traditional Chinese) (RoHS)	
WP-8847-SC	ISaGRAF	8 slots Ethernet WinCE 5.0 Based ISaGRAF WinPAC-8000 (OS:Simplified Chinese) (RoHS)	
WP-8149-EN	InduSoft	InduSoft based WinPAC-8000 with 1 I/O slots (English verison of OS)	
WP-8149-TC	InduSoft	InduSoft based WinPAC-8000 with 1 I/O slots (Traditional Chinese verison of OS)	
WP-8149-SC	InduSoft	InduSoft based WinPAC-8000 with 1 I/O slots (Simplified Chinese verison of OS)	

Main	Software	Diversity	Mode 1
WP-8449-EN	InduSoft	InduSoft based WinPAC-8000 with 4 I/O slots (English version of OS)	
WP-8449-TC	InduSoft	InduSoft based WinPAC-8000 with 4 I/O slots (Traditional Chinese version of OS)	
WP-8449-SC	InduSoft	InduSoft based WinPAC-8000 with 4 I/O slots (Simplified Chinese version of OS)	
WP-8849-EN	InduSoft	InduSoft based WinPAC-8000 with 8 I/O slots (English version of OS)	
WP-8849-TC	InduSoft	InduSoft based WinPAC-8000 with 8 I/O slots (Traditional Chinese version of OS)	
WP-8849-SC	InduSoft	InduSoft based WinPAC-8000 with 8 I/O slots (Simplified Chinese version of OS)	
WP-8146-EN	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot (English version of OS)	
WP-8146-TC	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot (Traditional Chinese version of OS)	
WP-8146-SC	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 1 I/O slot (Simplified Chinese version of OS)	
WP-8446-EN	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slot (English version of OS)	
WP-8446-TC	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slot (Traditional Chinese version of OS)	
WP-8446-SC	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 4 I/O slot (Simplified Chinese version of OS)	
WP-8846-EN	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 8 I/O slot (English version of OS)	
WP-8846-TC	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 8 I/O slot (Traditional Chinese version of OS)	
WP-8846-SC	ISaGRAF & InduSoft	InduSoft and ISaGRAF based WinPAC-8000 with 8 I/O slot (Simplified Chinese version of OS)	
DP-1200	---	24V/5A Power Supply	V

Feature of Equipment under Test (PC Unit) :

Main	Software	Diversity	Mode 1
PIO-D96SU	---	Universal PCI, 96-channel DIO board (RoHS)	V
PIO-D96U	---	Universal PCI, 96-channel DIO board (RoHS)	
PIO-D144LU	---	Universal PCI, 144-channel DIO board (RoHS)	V
PIO-D144U	---	Universal PCI, 144-channel DIO board (RoHS)	
PISO-CAN100U-D	---	1-Port Isolated Protection Universal PCI CAN Communication Board with 9-pin D-sub connector (RoHS)	
PISO-CAN100U-T	---	1-Port Isolated Protection Universal PCI CAN Communication Board with 5-pin Screw Terminal Connector (RoHS)	V
PISO-CAN200U-D	---	2-Port Isolated Protection Universal PCI CAN Communication Board with 9-pin D-sub connector (RoHS)	
PISO-CAN200U-T	---	2-Port Isolated Protection Universal PCI CAN Communication Board with 5-pin Screw Terminal Connector (RoHS)	
PISO-CAN400-D	---	This product includes a 2-port isolated protection CAN card and a 2-port ADP-9-D (expansion daughter board). The connector of each CAN port is 9-pin D-sub connector	
PISO-CAN400-T	---	This product includes a 2-port isolated protection CAN card and 2-port ADP-9-T (expansion daughter board). The connector of each CAN port is 5-pin screwed terminal Connector	
PISO-CAN400U-D	---	This product includes a 4-port isolated protection CAN card and a 4-port ADP-9-D (expansion daughter board). The connector of each CAN port is 9-pin D-sub connector (RoHS)	
PISO-CAN400U-T	---	This product includes a 4-port isolated protection CAN card and 4-port ADP-9-T (expansion daughter board). The connector of each CAN port is 5-pin screwed terminal Connector (RoHS)	
PISO-CAN800U-D	---	8-Port Isolated Protection Universal PCI CAN Communication Board (RoHS) Includes One CA-4037W and Two CA-4002 Connectors	
P8R8DIO	---	8-channel Isolated D/I and Relay Output (RoHS) Includes one CA-4002 D-Sub connector.	V