



## 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 : I-8135W  
Test Specification : EN 55022: 2010 / Class A  
EN 55024: 2010  
EN 61000-3-2: 2006+A1:2009+A2:2009 / Class A  
EN 61000-3-3: 2008  
Receive Date : Sep. 28, 2012  
Test Dates : Oct. 02, 2012 ~ Oct. 08, 2012  
Issue Date : Aug. 12, 2013

### Issue by

A Test Lab Techno Corp.  
No. 140-1, Changan Street, Bade City,  
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Taiwan Accreditation Foundation accreditation number: 1330

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## Verification of Compliance

Issued Date: 2013/08/12


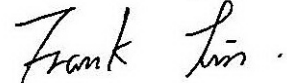
Product Type : ICP DAS with Converter  
Applicant : ICP DAS CO., LTD.  
Address : No. 111, Kuangfu N. Rd., Hukon Shiang, Hsinchu, Taiwan 303,  
R.O.C  
Trade Name : ICP DAS  
Model Number : I-8135W  
EUT Rated Voltage : 230 Vac / 50 Hz  
Test Voltage : 230 Vac / 50 Hz  
Applicable : EN 55022:2006+A1:2007 / Class A  
Standard : EN 55024:1998+A1:2001+A2:2003  
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, R&TTE Directive 1999/5/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 :  Reviewed By :   
(Manager) (Murphy Wang) (Testing Engineer) (Frank Lin)

**Feature of Equipment under Test :**

The model listed below is series model to I-8135W.

Main	Software	Diversity	Mode 1
CAN-2018C/S	CAN	CANopen Slave Module of 8-channel Thermocouple Input Include CAN-2018C module and a CN-1824 daughter board	V
CAN-2018D/S	DeviceNet	DeviceNet Slave Module of 8-channel Thermocouple Input Include CAN-2018D module and a CN-1824 daughter board	
PM-2133-100	---	3 Phase Compact Smart Meter /CT:3pcs,Φ10mm ( 0-60A )	V
PM-2133-100-CAN	CAN	3 Phase Compact Smart Meter /CT:3pcs,Φ10mm ( 0-60A ) /CAN bus , Modbus RTU	
PM-2133-100-CPS	CANopen	3 Phase Compact Smart Meter /CT:3pcs,Φ10mm ( 0-60A ) /CANopen , Modbus RTU	
PM-2133-160	---	3 Phase Compact Smart Meter /CT:3pcs,Φ16mm ( 0-100A )	
PM-2133-160-CAN	CAN	3 Phase Compact Smart Meter /CT:3pcs,Φ16mm ( 0-100A ) /CAN bus , Modbus RTU	
PM-2133-160-CPS	CANopen	3 Phase Compact Smart Meter /CT:3pcs,Φ16mm ( 0-100A ) /CANopen , Modbus RTU	
PM-2133-240	---	3 Phase Compact Smart Meter /CT:3pcs,Φ24mm ( 0-200A )	
PM-2133-240-CAN	CAN	3 Phase Compact Smart Meter /CT:3pcs,Φ24mm ( 0-200A ) /CAN bus , Modbus RTU	
PM-2133-240-CPS	CANopen	3 Phase Compact Smart Meter /CT:3pcs,Φ24mm ( 0-200A ) /CANopen , Modbus RTU	
PM-2134-100	---	4 Loops 1 Phase Compact Smart Meter /CT:4pcs,Φ10mm ( 0-60A )	
PM-2134-100-CAN	CAN	4 Loops 1 Phase Compact Smart Meter /CT:4pcs,Φ10mm ( 0-60A ) /CAN bus , Modbus RTU	
PM-2134-100-CPS	CANopen	4 Loops 1 Phase Compact Smart Meter /CT:4pcs,Φ10mm ( 0-60A ) /CANopen , Modbus RTU	
PM-3112-100	---	Modbus RTU; 2 loops single-phase Power Meter with 2 CTs (60 A)	V
PM-3112-100-CAN	CAN	CAN Bus; 2 loops single-phase Power Meter with 2 CTs (60 A)	
PM-3112-100-CPS	CANopen	CANopen; 2 loops single-phase Power Meter with 2 CTs (60 A)	
PM-3112-100-MTCP	Modbus TCP	Modbus TCP; 2 loops single-phase Power Meter with 2 CTs (60 A)	
PM-3112-160	---	Modbus RTU; 2 loops single-phase Power Meter with 2 CTs (100 A)	
PM-3112-160-CAN	CAN	CAN Bus; 2 loops single-phase Power Meter with 2 CTs (100 A)	
PM-3112-160-CPS	CANopen	CANopen; 2 loops single-phase Power Meter with 2 CTs (100 A)	
PM-3112-160-MTCP	Modbus TCP	Modbus TCP; 2 loops single-phase Power Meter with 2 CTs (100 A)	
PM-3112-240	---	Modbus RTU; 2 loops single-phase Power Meter with 2 CTs (200 A)	
PM-3112-240-CAN	CAN	CAN Bus; 2 loops single-phase Power Meter with 2 CTs (200 A)	
PM-3112-240-CPS	CANopen	CANopen; 2 loops single-phase Power Meter with 2 CTs (200 A)	
PM-3112-240-MTCP	Modbus TCP	Modbus TCP; 2 loops single-phase Power Meter with 2 CTs (200 A)	
PM-3114-100	---	Modbus RTU, 4 loops single-phase power meter (60 A)	
PM-3114-100-CAN	CAN	CAN Bus, 4 loops single-phase power meter (60 A)	

Main	Software	Diversity	Mode 1
PM-3114-100-CPS	CANopen	CANOpen, 4 loops single-phase power meter (60 A)	
PM-3114-100-MTCP	Modbus TCP	Modbus TCP, 4 loops single-phase power meter (60 A)	
PM-3114-160	---	Modbus RTU, 4 loops single-phase power meter (100 A)	
PM-3114-160-CAN	CAN	CAN Bus, 4 loops single-phase power meter (100 A)	
PM-3114-160-CPS	CANopen	CANOpen, 4 loops single-phase power meter (100 A)	
PM-3114-160-MTCP	Modbus TCP	Modbus TCP, 4 loops single-phase power meter (100 A)	
PM-3114-240	---	Modbus RTU, 4 loops single-phase power meter (200 A)	
PM-3114-240-CAN	CAN	CAN Bus, 4 loops single-phase power meter (200 A)	
PM-3114-240-CPS	CANopen	CANOpen, 4 loops single-phase power meter (200 A)	
PM-3114-240-MTCP	Modbus TCP	Modbus TCP, 4 loops single-phase power meter (200 A)	
USB-2064	---	8-channel Power Relay Output Module	V
USB-2084	---	4/8-channel Counter/Frequency/Encoder Module	V
NS-205PSE	---	5-port 10/100 Mbps PoE (PSE) Ethernet Switch	
NS-205PSE-24V	---	5-port 10/100 Mbps PoE (PSE) Switch with 24 VDC Input	V
NS-105A	---	5-port 10/100M Ethernet Switch	
NS-105PSE	---	5-port PoE 10/100M Ethernet Switch	V
NS-105PSE-24V	---	5-port PoE 10/100M Ethernet Switch with 24V Input	
WF-2060	---	Wi-Fi I/O Module with 6-channel Isolated Digital Input and 6-channel Relay Output	V
WF-2055	---	Wi-Fi Data Acquisition I/O Module (8DI / 8DO)	V
G-4500P-3GWA	---	Tri-band 3G WCDMA M2M Mini-Programmable Automation Controller with GPS function	
G-4500PD-3GWA	MiniOS7	Tri-band 3G WCDMA M2M Mini-Programmable Automation Controller with LCD display and GPS function	V
GW-5492	Modbus RTU Master	BACnet/IP to Modbus RTU Gateway	V
GW-5493	Modbus TCP Client	BACnet/IP to Modbus RTU Gateway	
PMC-5141-EN	English Version	Power Meter Concentrator (English)	V
PMC-5141-SC	Simplified Chinese Version	Power Meter Concentrator (Simplified Chinese)	
PMC-5141-TC	Traditional Chinese Version	Power Meter Concentrator (Traditional Chinese)	
PMC-5151-EN	English Version	The Intelligent Web-based Power Meter Concentrator(English)	
PMC-5151-SC	Simplified Chinese Version	The Intelligent Web-based Power Meter Concentrator(Simplified Chinese)	
PMC-5151-TC	Traditional Chinese Version	The Intelligent Web-based Power Meter Concentrator(Traditional Chinese)	

Main	Software	Diversity	Mode 1
PROFI-5017	---	PROFIBUS Remote I/O Module(8-Ch Isolated Analog Voltage Input)	V
PROFI-5017C	---	PROFIBUS Remote I/O Module(8-Ch Isolated Analog Current Input)	V
PROFI-5024	---	PROFIBUS Remote I/O Module(4-Ch Isolated Analog Voltage & Current Output)	V
uPAC-5201-FD	---	Embedded Controller with 256 MB Flash	
uPAC-5202-FD	MiniOS7	Embedded Controller with 256 MB Flash / 768 KB SRAM	V
XW511I	---	4-port Isolated RS-485	
XW110i	---	16-channel Isolation Digital Input	
I-8135W	---	5-port 10/100 MbpsFast Ethernet Switch Module	V
I-7531	---	CAN bus isolated repeater	V
I-5534-M	---	4-port CAN bus Switching with metal casing	V
M2M-711D	---	Remote maintenance Wi-Fi Device Terminal Unit	V
GW-7238D	---	J1939 to Modbus TCP Server / RTU Slave Gateway	V
GW-7557	---	PROFIBUS/HART Gateway	V
GW-7557-B	---	PROFIBUS/HART Gateway(Blue Cover)	
GRP-53L1	Linux	3G WCDMA M2M Linux base Programmable Automation Controller	
M2M-720-A	---	Intelligent Remote Maintenance Device Server	V
PET-7042	---	16-channel Isolated Sink Type Open Collector Digital Output PoE Module	V
WISE-7142	WISE	16-Ch Isolated Digital Output PoE Module	
PET-7042-48V	---	16-channel Isolated Sink Type Open Collector Digital Output PoE Module, 48V Output	
DL-100T485P	---	IP66 RS-485 Remote Temperature and Humidity Data Logger with LCD Display (Black Cover)	
DL-100T485P-W	---	IP66 RS-485 Remote Temperature and Humidity Data Logger with LCD Display (White Cover)	
DL-100TM485P	Modbus	Modbus RTU Protocol Based IP66 RS-485 Remote Temperature and Humidity Data Logger with LCD Display (Black Cover)	
DL-100TM485P-W	Modbus	Modbus RTU Protocol Based IP66 RS-485 Remote Temperature and Humidity Data Logger with LCD Display (White Cover)	
ET-87P4	---	4 slots I/O Expansion Unit	V
ET-87P4-MTCP	Modbus TCP	4 slots I/O Expansion Unit with Modbus TCP protocol	
I-87028UW	---	8-channel isolated Analog output module	V
I-87017RW	I-87017RW Firmware	8-channel Analog Input Module with High Over Voltage Protection	V
I-87017RCW	I-87017RCW Firmware	8-channel Current Input Module	

Main	Software	Diversity	Mode 1
I-87064W	I-87064W Firmware	8-channel Relay Output Module	V
I-87065W	I-87065W Firmware	8-channel AC SSR Output Module	
I-87066W	I-87066W Firmware	8-channel DC SSR Output Module	
IR-712	---	Universal IR Learning Remote Module (2 IR outputs), with 2 CA-IR-SH2251 & 1 CA-0910	V
IR-712-5	36 IR Cmds	Universal IR Learning Remote Module (2 IR outputs, 36 IR Cmds), with 2 CA-IR-SH2251-5 & 1 CA-0910	
IR-712A	Modbus	Universal IR Learning Remote Module (2 IR outputs, 224 IR Cmds), with 2 CA-IR-SH2251 & 1 CA-0910	
IR-712A-5	224 IR Cmd	Universal IR Learning Remote Module (2 IR outputs, 224 IR Cmds), with 2 CA-IR-SH2251-5 & 1 CA-0910	
tET-A4	---	Tiny Ethernet module with 4-ch DO (PNP, Source)	
tPET-A4	---	Tiny Ethernet module with PoE, and 4-ch DO (PNP, Source)	V
tET-C4	---	Tiny Ethernet module with 4-ch DO (NPN, Sink)	
tPET-C4	---	Tiny Ethernet module with PoE, and 4-ch DO (NPN, Sink)	V
tET-P2A2	---	Tiny Ethernet module with 2-ch DI and 2-ch DO (PNP, Source)	
tPET-P2A2	---	Tiny Ethernet module with PoE and 2-ch DI and 2-ch DO (PNP, Source)	V
tET-P2C2	---	Tiny Ethernet module with 2-ch DI and 2-ch DO (NPN, Sink)	
tPET-P2C2	---	Tiny Ethernet module with PoE and 2-ch DI and 2-ch DO (NPN, Sink)	V
tET-P2R2	---	Tiny Ethernet module with 2-ch DI and 2-ch Form-A relay	
tPET-P2R2	---	Tiny Ethernet module with PoE and 2-ch DI and 2-ch Form-A relay	V
tET-P6	---	Tiny Ethernet module with 6-ch DI	
tPET-P6	---	Tiny Ethernet module with PoE and 6-ch DI	V
tNS-200IN	---	PoE injector for 1 PoE port (uses unused pairs), 48 V input	V
tNS-200IN-24V	---	PoE injector for 1 PoE port (uses unused pairs), 24 V input	
NSM-216	---	Unmanaged 16-port Industrial 10/100 Base-TX Ethernet Switch with metal casing	V