



FCC 47 CFR PART 15 SUBPART B

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 : FCC 47 CFR PART 15 SUBPART B: Oct., 2011
ANSI C63.4: 2009
CISPR 22: 1997
Receive Date : Sep. 28, 2012
Test Dates : Oct. 02, 2012 ~ Oct. 03, 2012
Issue Date : Oct. 15, 2012

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



Note: This report shall not be reproduced except in full, without the written approval of A Test Lab Techno Corp. This document may be altered or revised by A Test Lab Techno Corp. personnel only, and shall be noted in the revision section of the document. The client should not use it to claim product endorsement by TAF, or any government agencies. The test results in the report only apply to the tested sample.

Verification of Compliance

Issued Date: 10/15/2012

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 : 120 Vac / 60 Hz
Test Voltage : 120 Vac / 60 Hz
Applicable Standard : FCC 47 CFR PART 15 SUBPART B: Oct., 2011
ANSI C63.4: 2009
CISPR 22: 1997
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 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) (Charlie Chang)

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	Traditiona Version	Power Meter Concentrator (Traditional Chinese)	
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

Main	Software	Diversity	Mode 1
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 Mbps Fast 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	
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	

Main	Software	Diversity	Mode 1
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