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	:	VP- 4131
Test Specification	:	FCC 47 CFR PART 15 SUBPART B: Oct., 2012 ANSI C63.4: 2009 CISPR 22: 1997
Receive Date	:	May 22, 2013
Test Period	:	May 28, 2013
Issue Date	:	Jul. 12, 2013

Issue by

A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330

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Verification of Compliance

Issued Date: 2013/07/12

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	:	VP- 4131
EUT Rated Voltage	:	AC 100-250V, 50-60Hz, 2.0A
Test Voltage	:	120 Vac / 60 Hz
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART B: Oct., 2012 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)		(Frank Lin)

Feature of Equipment under Test：

The model listed below is series model to VP- 4131.

Main	Software	Diversity	Mode 1
LC-101	---	1-channel AC Digital Input and 1-channel Relay Output Lighting Control Module	V
NS-205AG	---	5-Port 10/100 Mbps Ethernet with daul power input	V
USB-2019	---	8-channel Universal Analog Input Module with High Voltage Protection (RoHS), include CN-1824	V
I-7188XA	---	Embedded controller with four communication ports, 512K Flash, 512K SRAM, MiniOS7, 3000V isolated RS-485(RoHS)	
I-7188XAD	---	Embedded Controller with four communication port, 5 digits seven segment display, developing tool kit, with 512K Flash, 512K SRAM, Battery backup, MiniOS7, 3000V Isolated RS-485 (RoHS)	V
I-7188XB	---	Embedded controller with two communication ports, developing tool kit, 512K Flash, 512K SRAM, MiniOS7 (RoHS)	
I-7188XBD	---	Embedded Controller with two communication port, 5 digits seven segment display, developing tool kit, 512K Flash, 512K SRAM, MiniOS7 (RoHS)	V
I-7188XG	---	ISaGRAF Palm-Size Programmable Automation Controller (RoHS)	
I-7188XGD	---	ISaGRAF Palm-Size PAC with 5-digit 7-segment display (RoHS)	V
I-7521	---	Embedded communication controller with one RS-485 and one RS-232	
I-7521D	---	I-7521 + LED display	V
I-7016P	---	One-channel Strain Gauge Input Module (6 wires)	
I-7016PD	---	One-channel Strain Gauge Input Module with LED Display (6 wires)	V
I-7022	---	2-channel 12-bit Analog Output Module (channel to channel isolation) (RoHS)	V
I-7522A	---	Embedded communication controller with one RS-485, one RS-422 and one RS-232	
I-7522AD	---	I-7522A with seven segment display(RoHS)	V
I-7524	---	Embedded communication controller with one RS-485 and four RS-232	
I-7524D	---	I-7524 + LED display	V
I-7527	---	Embedded communication controller with one RS-485 and seven RS-232	
I-7527D	---	I-7527 + LED display	V
tET-A4	---	Tiny Ethernet module with 4-ch DO (PNP, Source)	V
tET-C4	---	Tiny Ethernet module with 4-ch DO (NPN, Sink)	V
I-87088W	---	8-Channel PWM Output and 8-Channel High Speed Counter Module (Gray Cover) (RoHS)	V
CAN-8823	---	CAN-8823 CPU Board	V
CAN-2015C	---	CANopen module of 8- channel RTD Input	V
M-7068	---	4-channel Form A Signal Relay Output and 4-channel Form C Signal Relay Output Module (Gray Cover) (RoHS)	
M-7068D	---	M-7068 with LED Display (RoHS)	V

Main	Software	Diversity	Mode 1
M-7069	---	4-channel Form A Power Relay Output and 4-channel Form C Power Relay Output Module (Gray Cover) (RoHS)	
M-7069D	---	M-7069 with LED Display (RoHS)	V
PDS-220FT	---	Programmable Device Server with 1 RS-232, 1 RS-422/485 and 1 Multi-mode ST Fiber Ports (RoHS)	
PDS-220FC	---	Programmable Device Server with 1 RS-232, 1 RS-422/485 and 1 Multi-mode SC Fiber Ports (RoHS)	
PDS-220FCS	---	Programmable Device Server with 1 RS-232, 1 RS-422/485 and 1 Single-mode SC Fiber Ports (RoHS)	V
PDS-220FCS-60	---	Programmable Device Server with 1 RS-232, 1 RS-422/485, and 1 Single-mode SC Fiber Ports (RoHS)	
TPD-280U	---	2.8 Touch HMI device with RS-485, USB, RTC (RoHS)	V
TPD-283U	---	2.8 Touch HMI device with RS-485, USB, RTC, Ethernet (RoHS)	V
VPD-132	---	3.5” Touch HMI device with RS-232/RS-485, USB, RTC, Rubber Keypad, support XV-board (RoHS)	V
VPD-132N	---	3.5” Touch HMI device with RS-232/RS-485, USB, RTC,support XV-board (RoHS)	
VPD-133	---	3.5” Touch HMI device with Ethernet, RS-232/RS-485, USB, RTC, Rubber Keypad, support XV-board (RoHS)	V
VPD-133N	---	3.5” Touch HMI device with Ethernet, RS-232/RS-485, USB, RTC, support XV-board (RoHS)	
tM-DA1P1R1	---	1-channel Analog Output, 1-channel Digital Input and 1-channel Relay Output Module	V
GST-63-M	---	Seismic Switch with Metal casing	V
VP-4131	---	Standard ViewPAC with 10.4” LCD and 3 I/O slots (Multilanguage Version of OS) (RoHS)	V
VP-4137	---	ISaGRAF based ViewPAC with 10.4" Touch LCD and 3 I/O slots (OS: Multilanguage) (RoHS)	
VP-4139	---	InduSoft Based ViewPAC with 10.4" Touch LCD and 3 I/O slots (OS: Multilanguage) (RoHS)	
DN-100	---	I/O Connector Block with DIN-Rail Mounting and 100-Pin SCSI II Connector	V
WTC-01	---	Terminal board	V
DB-24PD	---	24-channel Opto-isolated Input Board (RoHS)	V
DB-24P	---	24-channel OPTO-22 compatible Opto-isolated Input Board (RoHS)	
DB-24P/DIN	---	DB-24P with DIN-Rail Mounting (RoHS)	
DB-24PD/DIN	---	DB-24PD with DIN-Rail Mounting (RoHS)	
CN-1824	---	D-SUB25 to terminal block 16 Pin daughter board	V

Devices Description					
Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	LCD Monitor	DELL	U2711	CN0H530T7426105K043L	Non-Shielded, 1.8m
(2)	Keyboard	HP	KU-0316	BC3870DVBVI1PJ	Power by PC
(3)	Mouse	Logitech	M-UAG96B	PID-LZ815AA	Power by PC
(4)	PC	SYNNEX	MBD-K6XV3	N/A	Non-Shielded, 1.8m
※ PC Keypart information					
Main		Software	Diversity		
(4)-1	PIO-D144U	---	Universal PCI, 144-channel DIO board 5V/TTL (RoHS)		
(4)-2	PIO-D144LU	---	Universal PCI, 144-channel DIO board 5 V/COMS (RoHS)		
(4)-3	PIO-D96SU	---	Universal PCI 96-ch OPTO-22 DIO Board		
(4)-4	WDT-01	---	Intelligent Watchdog Timer card without terminal board,cable,buzzer relay,LED,temperature sensor Include :CA-0205(2-pin Black & Red Cable 0.5m); CA-2520(25-pin D-sub Cable 2.0m)		
(4)-5	WDT-02	---	Intelligent Watchdog Timer card with terminal Board and 1 meter cable Include :CA-0205(2-pin Black & Red Cable 0.5m); CA-2520(25-pin D-sub Cable 2.0m)		

Support Unit					
Product		Manufacturer	Model Number	Serial Number	Power Cord
1.	Industrial Power Supply	ICP DAS	DP-1200	N/A	Power by Host System

3.4. Test Site Environment

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC part 15: 15.107 Conducted Emission	15-35	26
Humidity (%RH)		25-75	60
Barometric pressure (mbar)		860-1060	950
Temperature (°C)	FCC part 15: 15.109 Radiated Emission	15-35	26
Humidity (%RH)		25-75	60
Barometric pressure (mbar)		860-1060	950