



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 : LC-221
Test Specification : FCC 47 CFR PART 15 SUBPART B: Oct., 2012
ANSI C63.4: 2009
CISPR 22: 2009 + A1:2010

Receive Date : Aug. 07, 2013
Test Period : Aug. 08 ~11, 2013
Issue Date : Sep. 02, 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


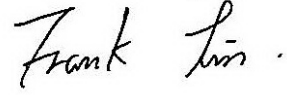
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Verification of Compliance

Issued Date: 2013/09/02

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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 : LC-221
EUT Rated Voltage : AC 100-240V, 50-60Hz, 2.0A
Test Voltage : 120 Vac / 60 Hz
Applicable : FCC 47 CFR PART 15 SUBPART B: Oct., 2012
Standard : ANSI C63.4: 2009
CISPR 22: 2009 + A1:2010
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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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 LC-221.

Main	Software	Diversity	Mode 1
XV107A	---	8-channel Isolated Sink-type Digital Input and 8-channel Isolated Source-type Digital Output (RoHS)	
XV107	---	8-channel Isolated Source-type Digital Input and 8-channel Isolated Sink-type Digital Output (RoHS)	
XV110	---	16-channel Isolated Dry and Wet Contact Digital Input Module With 16-bit Counters (RoHS)	
XV111A	---	16-channel Isolated Source-type Digital Output Module (RoHS)	
XV111	---	16-channel Isolated Sink-type Digital Output Module (RoHS)	
XV116	XV107A	5-channel Isolated Digital Input and 6-channel Relay Output Module with 16-bit Counters (RoHS)	V
DN-8368GB	DN-8368GB	DN-8368GB is for general purpose usage	V
DN-8368MB	DN-8368MB	DN-8368MB is for Mitsubishi servo J2 Amplifier	V
DN-20M	DN-20M	Manual-Pulsar-Generator (MPG) and FRnet Input Board for PISO-PS600/VS600/PMDK	V
LC-131	LC-131	3-channel Digital Input Module with Open/Short Detection and 1-channel Relay Output (RoHS)	V
WF-2571	WF-2571	Ethernet to Wi-Fi Bridge (RoHS)	V
TPD-432F	---	4.3" Touch HMI device with RS-485 x 2, USB, RTC (RoHS)	V
TPD-433F	TPD-432F	4.3" Touch HMI device with RS-485, RS-232 (3 pin), USB, RTC, Ethernet (RoHS)	
PFN-2055	PFN-2055	PROFINET I/O Module (Isolated 8-ch DI & 8-ch DO) (RoHS)	
DN-843I-CT-1	---	3-channel 1 A Current Transformer (RoHS)	
DN-843I-CT-10	---	3-channel 10 A Current Transformer (RoHS)	
DN-843I-CT-20	---	3-channel 20 A Current Transformer (RoHS)	
DN-843I-CT-50	DN-843I-CT-50	3-channel 50 A Current Transformer (RoHS)	V
DN-848VI-80V	DN-848VI-80V	(RoHS)	V
I-2542-A	I-2542-A	RS-232/422/485 to Single-Mode 15 Km, SC Fiber optic converter, TX 1310 nm, RX 1550 nm (RoHS)	V
I-2542-B	I-2542-B	RS-232/422/485 to Single-Mode 15 Km, SC Fiber optic converter, TX 1550 nm, RX 1310 nm (RoHS)	V
I-2533	I-2533	CAN/Fiber Converter (RoHS)	V
I-7570	I-7570	Serial To HART Converter (Gray Cover) (RoHS)	V
HRT-710	HRT-710	Modbus RTU/ASCII to HART Gateway (RoHS)	V
DB-3R	DB-3R	Daughter Board for WDT-03	V
I-7188XC	---	Embedded controller, developing tool kit, 512K Flash,128K SRAM, MiniOS7 (RoHS)	
I-7188XCD	I-7188XCD	Embedded controller with 5 digits seven segment display, developing tool kit, with 512k flash, 128K SRAM, Minios7 (RoHS)	V
LC-221	LC-221	1-channel Dimmer Control Module (RoHS)	V

Main	Software	Diversity	Mode 1
PET-7050	---	12-channel DI and 6-channel DO with 32-bit Counters PoE Module (RoHS)	V
ET-7050	PET-7050	12-channel DI and 6-channel DO with 32-bit Counters (RoHS)	
DL-100T485	---	DCON Protocol Based IP66 RS-485 Remote Temperature and Humidity Data Logger with LCD Display (Black Cover) (RoHS)	
DL-100TM485	---	Modbus RTU Protocol Based IP66 RS-485 Remote Temperature and Humidity Data Logger with LCD Display (Black Cover) (RoHS)	
DL-100T485-W	---	DCON Protocol Based IP66 RS-485 Remote Temperature and Humidity Data Logger with LCD Display (White Cover) (RoHS)	
DL-100TM485-W	DL-100TM485	Modbus RTU Protocol Based IP66 RS-485 Remote Temperature and Humidity Data Logger with LCD Display (White Cover) (RoHS)	
I-7561U	I-7561U	USB to Isolated RS-232/422/485 Converter (RoHS)	V
NS-208-IP67	NS-208-IP67	Industrial 8-port unmanaged IP67 Ethernet switch Includes IP67 RJ-45 Plug x 8, IP67 Power Plug x 1, Cap with Tether x 8 (RoHS)	V
DN-37	DN-37	I/O Connector Block (Pitch= 5.08 mm) with DIN-Rail Mounting and Dsub 37-pin connector (RoHS) Include one CA-3710 (37-pin Male-Male D-sub cable 1.0 M)	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	BC3870DVBV1PJ	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	WDT-03	WDT-03	Intelligent Watchdog Timer card		
(4)-2	PIO-D48	---	PCI bus 48-channel DIO board (RoHS)		
(4)-3	PIO-D48U	---	Universal PCI, 48-channel DIO board (RoHS)		
(4)-4	PIO-D48SU	---	Universal PCI, 48-channel DIO board (RoHS)		
(4)-5	PEX-D48	PIO-D48SU	PCI Express , 48-channel DIO board (RoHS)		
(4)-6	PISO-PS600	PISO-PS600	PCI Bus, High-Speed, DSP-based, 6-axis Motion Control Card with Frnet		
(4)-7	ISO-730	ISO-730	32-channel Isolated digital I/O and 32-channel TTL digital I/O Board. (RoHS) Includes one CA-4002 D-Sub connector		

Support Unit					
Product		Manufacturer	Model Number	Serial Number	Power Cord
1.	Industrial Power Supply	ICP DAS	DP-1200	N/A	Non-Shielded, 1.8m