



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 : PIO-D144
Test Specification : EN 55022: 2006+A1: 2007 / Class A
EN 55024: 1998+A1: 2001+A2: 2003
: EN 61000-3-2: 2006 + A2: 2009 / Class A
EN 61000-3-3: 2008
Issue Date : Aug. 31, 2011

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: 2011/08/31

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Address : No. 111, Kuangfu N. Rd., Hukon Shiang, Hsinchu,
Taiwan 303, R.O.C
Trade Name : ICP DAS
Model Number : PIO-D144
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 + A2: 2009 / Class A
EN 61000-3-3: 2008

Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.
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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 : Miller Lee Reviewed By : Gary Wu
(Manager) (Miller Lee) (Testing Engineer) (Gary Wu)

Feature of Equipment under Test :

The model listed below is series model to PIO-D144.

Main	Diversity	Mode 1
PIO-D144	PCI Bus 144-channel OPTO-22 DIO Board	
PIO-D144U	Universal PCI,144-channel OPTO-22 Compatible DIO Board	
PIO-D168	PCI Bus 168-channel OPTO-22 DIO Board	
PIO-D168U	Universal PCI,168-channel OPTO-22 Compatible DIO Board	V
PIO-D64U	PCI Bus 64-channel DIO Board with Timer/Counter	
PIO-D96U	Universal PCI,96-channel OPTO-22 DIO Board	
PISO-P16R16U	Universal PCI,16-channel Isolated Digital Input, 16-channel Relay Output	
PISO-P32A32U	Universal PCI,32-ch Optical-Isolated Digital Input and 32-ch Optical-Isolated Open Collector Output Board (Source, PNP)	
PISO-P32C32U	Universal PCI,32-ch Optical-Isolated Digital Input and 32-ch Optical-Isolated Open Collector DO Board (Sink, NPN)	
PISO-P32S32WU	Universal PCI,32-ch Optical-Isolated Digital Input and 32-ch Optical-Isolated Open Collector DO Board (Sink, NPN, 8-ch for high driving)	V
PISO-DA2U	Universal PCI,2-ch, 14-bit Isolated Analog Output Board	
PISO-DA4U	Universal PCI,4-ch, 14-bit Isolated Analog Output Board	
PISO-DA8U	Universal PCI,8-ch, 14-bit Isolated Analog Output Board	
PISO-DA16U	Universal PCI,16-ch, 14-bit Isolated Analog Output Board	V
PEX-D24	PCI Express,24-channel OPTO-22 Compatible DIO Board	
PEX-D56	PCI Express,56-channel OPTO-22 Compatible DIO Board	V
PEX-P8R8i	PCI Express,8-channel Isolated Digital Input,8-channel Relay Output	
PEX-P16R16i	PCI Express,16-channel Isolated Digital Input,16-channel Relay Output	
PEX-P8POR8i	PCI Express,8-channel Isolated Digital input,8-channel PhotoMos Relay Output	
PEX-P16POR16i	PCI Express,16-channel Isolated Digital input,16-channel PhotoMos Relay Output	V
PCI-1602FU	Universal PCI,32-ch, 16-bit, 200 kS/s Low Gain Multi-function DAQ Board (8 k word FIFO)	V
PCI-1602U	Universal PCI,32-ch, 16-bit, 100 kS/s Low Gain Multi-function DAQ Board (8 k word FIFO)	
PCI-822LU	Universal PCI,250 kS/s, 32/16-ch 12-bit Analog Input, 2-ch 16-bit Analog Output and 32-ch Programmable DIO	
PCI-826LU	Universal PCI,250 kS/s, 32/16-ch 16-bit Analog Input, 2-ch 16-bit Analog Output and 32-ch Programmable DIO	V
I-87017DW	8-channel Differential/16-channel Single-Ended Analog Input Module with High Voltage Protection	V
I-7567	USB to HART Converter	V
I-7565-CPM	USB to CANopen	V
I-7565-DNM	USB to DeviceNet	V
CAN-8123	CANopen Remote I/O Unit with 1 I/O Expansion	
CAN-8223	CANopen Remote I/O Unit with 2 I/O Expansion	V
CAN-8124	DeviceNet Embedded Device with 1 I/O Expansion	
CAN-8224	DeviceNet Embedded Device with 2 I/O Expansion	V
XW507	1-CH RS-422/485	
XW511	4-CH RS-485	
XW511i	Isolated 4-CH RS-485	
XW514	8-CH RS-485	V
PDS-5105D-MTCP	10-CH RS-485,2-CH Ethernet PDS	V
tM-7520U	Isolated RS-232 to RS-485 Converter	V
GT-540P	Intelligent GPRS Remote Terminal Unit with GPS	V
DL-100T485	IP66 Remote Temperature and Humidity Data Logger with LCD Display	V