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EMC Test Report

Product Type	:	ICP DAS Etthernet IO System
Applicant	:	ICP DAS CO., LTD.
Address	:	No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C.
Trade Name	:	ICP DAS
Model Number	:	MSM-6226 System
Test Specification	:	EN 55022: 2010 +AC:2011 / Class A
		EN 55024: 2010
		EN 61000-3-2: 2006 +A1:2009 + A2: 2009 / Class A
		EN 61000-3-3: 2013
		EN 61000-4-2:2009
		EN 61000-4-3:2006 +A1:2008 +A2:2010
		EN 61000-4-4:2012
		EN 61000-4-5:2006
		EN 61000-4-6:2009
		EN 61000-4-8:2010
		EN 61000-4-11:2004
Receive Date	:	Sep. 30, 2014
Test Period	:	Oct. 01 ~ 07, 2014
Issue Date	:	Oct. 23, 2014

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

Verification of Compliance

Issued Date: 10/23/2014

Product Type	:	ICP DAS Etthernet IO System
Applicant	:	ICP DAS CO., LTD.
Address	:	No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C.

Trade Name	:	ICP DAS
Model Number	:	MSM-6226 System
EUT Rated Voltage	:	AC 100-250V, 50-60Hz, 2.0A
Test Voltage	:	230 Vac / 50 Hz
Applicable Standard	:	EN 55022:2010 +AC:2011 / Class A
		EN 55024:2010
		EN 61000-3-2:2006+A1:2009+A2:2009 / Class A
		EN 61000-3-3:2013
		EN 61000-4-2:2009
		EN 61000-4-3:2006 +A1:2008 +A2:2010
		EN 61000-4-4:2012
		EN 61000-4-5:2006
		EN 61000-4-6:2009
		EN 61000-4-8:2010
		EN 61000-4-11:2004

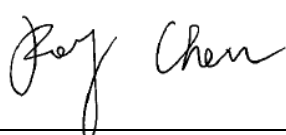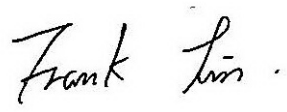|		
Test Result	:	Complied
Performing Lab.	:	A Test Lab Techno Corp.
		No. 140-1, Changan Street, Bade City, Taoyuan County 334, Taiwan R.O.C.
		Tel：+886-3-2710188 / Fax：+886-3-2710190
		Taiwan Accreditation Foundation accreditation number: 1330
		http://www.atl-lab.com.tw/e-index.htm

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 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)	(Roy Chen)	(Testing Engineer)	(Frank Lin)

Feature of Equipment under Test：

The model listed below is series model to MSM-6226 System.

Main	Software	Diversity	Mode 1
BNET-5304	---	Multi-function BACnet/IP module with 6 AI, 1 AO, 4 DI, and 4 DO	V
ET-7024	---	Ethernet I/O Module with 4-channels AO, 5-channels DI and 5-channels DO	V
PET-7024	---	PoE Ethernet I/O Module with 4-channels AO, 5-channels DI and 5-channels DO	
ET-7224	---	Ethernet I/O Module with 2-port Ethernet Switch, with 4-channels AO, 5-channels DI and 5-channels DO	V
PET-7224	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 4-channels AO, 5-channels DI and 5-channels DO	
EIP-2017	---	Isolated 8-ch DIFF or 16-ch SE AI EtherNet/IP Module	V
EIP-2019	---	Isolated 8-ch Thermocouple AI EtherNet/IP Module	V
EIP-2019/S	---	Isolated 8-ch Thermocouple AI EtherNet/IP Module with CN-1824 Daughter Board	
FSM-510G-4F	---	10-port GbE Managed Switch with 4-Fiber Port	V
FSM-510G-2F	---	10-port GbE Managed Switch with 2-Fiber Port	
FSM-512G-4F	---	12-port GbE Managed Switch with 4-Fiber Port	
FSM-514G-4F	---	14-port GbE Managed Switch with 4-Fiber Port	
FSM-510G	---	10-port GbE Managed Switch	
GW-7473	---	Modbus Slave to EtherNet/IP Scanner gateway with PoE and 1 RS-422/485	V
HRT-711	---	Modbus TCP to HART Gateway	V
I-2534	---	Industrial 4-port CAN bus Switch	V
I-5534-M	---	Industrial 4-port CAN bus Switch with Metal casing	
iDS-718i-D	---	Intelligent Device Server with 1 RS-232/422/485	
iDS-718iM-D	---	Intelligent Device Server with 1 RS-232/422/485 (Isolated, Metal Case,RoHS, DB9)	V
MN-3253	---	Distributed Motionnet 32-ch Isolated DI Module with RJ-45 Connector	V
MN-3253T	---	Distributed Motionnet 32-ch Isolated DI Module with Terminal Block	
MN-3257	---	Distributed Motionnet 32-ch Isolated DO Module with RJ-45 Connector	V
MN-3257T	---	Distributed Motionnet 32-ch Isolated DO Module with Terminal Block	
MSM-6226	---	24-port Ethernet + 2 TP/SFP Gigabit Dual Media Layer2 Managed Switch. (include 9-Pin Female-Female D-sub cable, 1.8 M Cable and Power Cord)	V
MSM-6226G	---	20-port 10/100/1000Base-T + 4 TP/(100/1G) SFP Combo + 2 (100/1G) SFP L2 Plus Managed Switch (9-Pin Female D-sub & RJ-45 cable, and Power Cord)	
NSM-208PSE-24V	---	8-port Industrial 10/100 Mbps Ethernet with 8-PoE (PSE) Switch	V

Main	Software	Diversity	Mode 1
NSM-208-M12	---	EN50155 8-port M12 Unmanaged Ethernet Switch	
NSM-208PSE-M12	---	EN50155 8-port M12 Unmanaged PoE Ethernet Switch	
NS-208PSE-M12-IP67	---	8-port M12 Unmanaged PoE Ethernet Switch with IP67	V
NS-208-M12-IP67	---	8-port M12 Unmanaged Ethernet Switch with IP67	
NSM-200G-SFP	---	1000Base-T to 1000Base-X Fiber SFP Media Converter	V
NSM-200SX	---	1000Base-T to 1000Base-SX Fiber Media Converter	
NSM-200SX2	---	1000Base-T to 1000Base-SX Fiber Media Converter	
NSM-200LX	---	1000Base-T to 1000Base-LX Fiber Media Converter	
NSM-200PG-SFP	---	1000Base-T to 1000Base-X Fiber SFP Media Converter with PoE	
NSM-200PSX	---	1000Base-T to 1000Base-SX Fiber Media Converter with PoE	
NSM-200PSX2	---	1000Base-T to 1000Base-SX Fiber Media Converter with PoE	
NSM-200PLX	---	1000Base-T to 1000Base-LX Fiber Media Converter with PoE	
NS-205PFT	---	Multi-mode, ST Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port Switch	
NSM-205PFT	---	Multi-mode, ST Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port Switch; metal case	
NS-205PFT-24V	---	Multi-mode, ST Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port and 24 VDC Input Switch	V
NSM-205PFT-24V	---	Multi-mode, ST Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port and 24 VDC Input Switch; metal case	
NS-205PFC	---	Multi-mode, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port Switch	
NSM-205PFC	---	Multi-mode, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port Switch; metal case	
NS-205PFC-24V	---	Multi-mode, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port and 24 VDC Input Switch	
NSM-205PFC-24V	---	Multi-mode, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port and 24 VDC Input Switch; metal case	
NS-205PFCS	---	Single-mode 30 km, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port Switch	
NSM-205PFCS	---	Single-mode 30 km, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port Switch; metal case	
NS-205PFCS-24V	---	Single-mode 30 km, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port and 24 VDC Input Switch	V
NSM-205PFCS-24V	---	Single-mode 30 km, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port and 24 VDC Input Switch; metal case	
NS-205PFCS-60	---	Single-mode 60 km, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port Switch	
NSM-205PFCS-60	---	Single-mode 60 km, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port Switch; metal case	
NS-205PFCS-60-24V	---	Single-mode 60 km, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port and 24 VDC Input Switch	V
NSM-205PFCS-60-24V	---	Single-mode 60 km, SC Connector, 4-port 10/100 Mbps PoE (PSE) with 1 Fiber port and 24 VDC Input Switch; metal case	

Main	Software	Diversity	Mode 1
PDS-743	---	Programmable Device Serverwith 3 RS-232 ports and 1 RS-485 port Includes One CA-0910Cable	
PDSM-743	---	PDS-743 CR with Metal Case	
PDS-743D	---	Programmable Device Serverwith 3 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	V
PDSM-743D	---	PDS-743D CR with Metal Case	
PPDS-743-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 3 RS-232 ports and 1 RS-485 port Includes One CA-0910 Cable	
PPDSM-743-MTCP	---	PPDS-743-MTCP CR with Metal Case	
PPDS-743D-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 3 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	V
PPDSM-743D-MTCP	---	PPDS-743D-MTCP CR with Metal Case	
PDS-752	---	Programmable Device Server with 4 RS-232 ports and 1 RS-485 port Includes One CA-0910 Cable	
PDSM-752	---	PDS-752 CR with Metal Case	
PDS-752D	---	Programmable Device Server with 4 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	V
PDSM-752D	---	PDS-752D CR with Metal Case	
PPDS-752-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 4 RS-232 ports and 1 RS-485 port Includes One CA-0910 Cable	
PPDSM-752-MTCP	---	PPDS-752-MTCP CR with Metal Case	
PPDS-752D-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 4 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	V
PPDSM-752D-MTCP	---	PPDS-752D-MTCP CR with Metal Case	
PDS-755	---	Programmable Device Server with 1 RS-232 port and 4 RS-485 ports Includes One CA-0910 Cable	
PDSM-755	---	PDS-755 CR with Metal Case	
PDS-755D	---	Programmable Device Server with 1 RS-232 port, 4 RS-485 ports and an LED Display Includes One CA-0910 Cable	V
PDSM-755D	---	PDS-755D CR with Metal Case	
PPDS-755-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 1 RS-232 port and 4 RS-485 ports Includes One CA-0910 Cable	
PPDSM-755-MTCP	---	PPDS-755-MTCP CR with Metal Case	

Main	Software	Diversity	Mode 1
PPDS-755D-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 1 RS-232 port, 4 RS-485 ports and an LED Display Includes One CA-0910 Cable	V
PPDSM-755D-MTCP	---	PPDS-755D-MTCP CR with Metal Case	
PDS-762	---	Programmable Device Server with 5 RS-232 ports and 1 RS-485 port Includes One CA-0910 Cable	
PDSM-762	---	PDS-762 CR with Metal Case	
PDS-762D	---	Programmable Device Server with 5 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	V
PDSM-762D	---	PDS-762D CR with Metal Case	
PPDS-762-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 5 RS-232 ports and 1 RS-485 port Includes One CA-0910 Cable	
PPDSM-762-MTCP	---	PPDS-762-MTCP CR with Metal Case	
PPDS-762D-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 5 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	V
PPDSM-762D-MTCP	---	PPDS-762D-MTCP CR with Metal Case	
PDS-782	---	Programmable Device Serverwith 7 RS-232 ports and 1 RS-485 port Includes One CA-0910Cable	
PDSM-782	---	PDS-782 CR with Metal Case	
PDS-782D	---	Programmable Device Serverwith 7 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910Cable	V
PDSM-782D	---	PDS-782D CR with Metal Case	
PPDS-782-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 7 RS-232 ports and 1 RS-485 port Includes One CA-0910 Cable	
PPDSM-782-MTCP	---	PPDS-782-MTCP CR with Metal Case	
PPDS-782D-MTCP	---	Programmable Device Server with PoE, Modbus Gateway, 7 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cable	V
PPDSM-782D-MTCP	---	PPDS-782D-MTCP CR with Metal Case	
PDS-782-25/D6	---	Programmable Device Server with 7 RS-232 ports and 1 RS-485 port Includes One CA-0910 Cableand One CA-9-2505D Cable	
PDS-782-25	---	Programmable Device Server with 7 RS-232 ports and 1 RS-485 port	
PDS-782D-25/D6	---	Programmable Device Server with 7 RS-232 ports, 1 RS-485 port and an LED Display Includes One CA-0910 Cableand One CA-9-2505D Cable	

Main	Software	Diversity	Mode 1
PDS-782D-25	---	Programmable Device Server with 7 RS-232 ports, 1 RS-485 port and an LED Display	V
PDSL-720-FOX	---	Device Server with 1 RS-232 ports and 1 RS-485 port	V
USB-2051	---	16-channel Isolated Digital Input Module	V
USB-2020	---	USB Audio Device	V
USB-2060	---	6-channel Isolated Digital Input and 6-channel Relay Output Module	V
SFP-1000SX-IT	---	Multi-mode 850 nm, 0.5 km SFP module	V
SFP-1G85M-SX	---	Multi-mode 850 nm, 0.5 km SFP module	V
SFP-1G13M-SX2	---	Multi-mode 1310 nm, 2 km SFP module	V
SFP-1G13S-LX	---	Single-mode 1310 nm, 10 km SFP module	
SFP-1G13S-LX20	---	Single-mode 1310 nm, 20 km SFP module	
SFP-1G13S-LHX	---	Single-mode 1310 nm, 40 km SFP module	
SFP-1G15S-XD	---	Single-mode 1550 nm, 60 km SFP module	

Devices Description				
	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	Keyboard	DELL	SK-8115	MY0DJ3257161908H0118	Power by PC
(2)	Mouse	DELL	MOC5UO	I0S02OO9	Power by PC
(3)	Monitor	DELL	U3214Qt	CN-0KR90-74445-3A7-202P	Non-Shielded, 1.8m
(4)	PC	ICP DAS	BTO-AS-GI945GC	N/A	Non-Shielded, 1.8m

※ PC Keypart information				
Main		Software	Diversity	Mode 1
(4)-1	PISO-MN200EC	---	PCI Bus, Dual-Line Motionnet Master Card	V
(4)-2	VEX-112	---	PCI Express, Serial Communication Board with 2 RS-232 ports	
(4)-3	VEX-112i	---	PCI Express, Serial Communication Board with 2 Isolated RS-232 ports	V
(4)-4	VXC-112U	---	Universal PCI Bus, Serial Communication Board with 2 RS-232 ports	
(4)-5	VXC-112AU	---	Universal PCI Bus, Serial Communication Board with 2 RS-232 ports	
(4)-6	VXC-112iAU	---	Universal PCI Bus, Serial Communication Board with 2 Isolated RS-232 ports	V

Support Unit				
	Product	Manufacturer	Model Number	Serial Number	Power Cord
1.	Industrial Power Supply	ICP DAS	DP-1200	N/A	Non-Shielded, 1.7m with one core