



## EMC Test Report

Product Type : ICP DAS Ethernet I/O Devices  
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 : ET-7253  
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 : May 08, 2014  
Test Period : May 12 ~ 22, 2014  
Issue Date : Jun. 25, 2014

### Issue by

A Test Lab Techno Corp.  
No. 140-1, Changan Street, Bade City,  
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Taiwan Accreditation Foundation accreditation number: 1330

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## Verification of Compliance

Issued Date: 2014/06/25

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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 : ET-7253  
EUT Rated Voltage : AC 100-250V, 50-60Hz, 2.0A  
Test Voltage : 230 Vac / 50 Hz  
Applicable : EN 55022:2010 +AC:2011 / Class A  
Standard : 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.

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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 : 

(Manager)

(Roy Chen)

Reviewed By : 

(Testing Engineer)

(Frank Lin)

**Feature of Equipment under Test :**

The model listed below is series model to ET-7253.

Main	Software	Diversity	Mode 1
ET-7005	---	Ethernet I/O Module with 8-ch Thermistor Inputs, 4-ch DO	
PET-7005	---	PoE Ethernet I/O Module with 8-ch Thermistor Inputs, 4-ch DO	V
PET-7005-48V	---	PoE Ethernet I/O Module with 8-ch Thermistor Inputs, 4-ch DO, 48 V Output	
WISE-7105	WISE	PoE Ethernet I/O Module with 8-ch Thermistor Inputs, 4-ch DO	
ET-7016	---	Ethernet I/O Module with 2-ch Strain Gauge Inputs, 2-ch DI, 2-ch DO	
PET-7016	---	PoE Ethernet I/O Module with 2-ch Strain Gauge Inputs, 2-ch DI, 2-ch DO	V
PET-7016-48V	---	PoE Ethernet I/O Module with 2-ch Strain Gauge Inputs, 2-ch DI, 2-ch DO, 48 V Output	
ET-7019	---	Ethernet I/O Module with 8-ch universal AI, 4-ch DO	
PET-7019	---	PoE Ethernet I/O Module with 8-ch universal AI, 4-ch DO	V
PET-7019-48V	---	PoE Ethernet I/O Module with 8-ch universal AI, 4-ch DO, 48 V Output	
WISE-7119	WISE	PoE Ethernet I/O Module with 8-ch universal AI, 4-ch DO	
ET-7019Z	---	Ethernet I/O Module with 10-ch universal AI, 6-ch DO	
ET-7019Z/S	---	Ethernet I/O Module with 10-ch universal AI, 6-ch DO with DB-1820 Daughter Board	V
ET-7019Z/S2	---	Ethernet I/O Module with 10-ch universal AI, 6-ch DO with DN-1822 Daughter Board and a 1.8 m Cable	
PET-7019Z	---	PoE Ethernet I/O Module with 10-ch universal AI, 6-ch DO	
PET-7019Z-48V	---	PoE Ethernet I/O Module with 10-ch universal AI, 6-ch DO, 48 V Output	
PET-7019Z/S	---	PoE Ethernet I/O Module with 10-ch universal AI, 6-ch DO with DB-1820 Daughter Board	
PET-7019Z/S-48V	---	PoE Ethernet I/O Module with 10-ch universal AI, 6-ch DO with DB-1820 Daughter Board, 48 V Output	
PET-7019Z/S2	---	PoE Ethernet I/O Module with 10-ch universal AI, 6-ch DO with DN-1822 Daughter Board and a 1.8 m Cable with PoE	
PET-7019Z/S2-48V	---	PoE Ethernet I/O Module with 10-ch universal AI, 6-ch DO with DN-1822 Daughter Board and a 1.8 m Cable with PoE, 48 V Output	
ET-7052	---	Ethernet I/O Module with 8-ch DI, 8-ch DO	
PET-7052	---	PoE Ethernet I/O Module with 8-ch DI, 8-ch DO	V
PET-7052-48V	---	PoE Ethernet I/O Module with 8-ch DI, 8-ch DO, 48 V Output	
WISE-7152	WISE	PoE Ethernet I/O Module with 8-ch DI, 8-ch DO	
ET-7066	---	Ethernet I/O Module with 8-ch PhotoMOS Relay	V
PET-7066	---	PoE Ethernet I/O Module with 8-ch PhotoMOS Relay	
PET-7066-48V	---	PoE Ethernet I/O Module with 8-ch PhotoMOS Relay, 48 V Output	
ET-7083	---	Ethernet I/O Module with 3-ch Encoder/Counter Inputs	
PET-7083	---	PoE Ethernet I/O Module with 3-ch Encoder/Counter Inputs	V
PET-7083-48V	---	PoE Ethernet I/O Module with 3-ch Encoder/Counter Inputs, 48 V Output	

Main	Software	Diversity	Mode 1
ET-7202	---	Ethernet I/O Module with 2-port Ethernet Switch, with 3-ch AI, 6-ch DI, 3-ch Relay	V
PET-7202	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 3-ch AI, 6-ch DI, 3-ch Relay	
WISE-7202	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 3-ch AI, 6-ch DI, 3-ch Relay	
ET-7215	---	Ethernet I/O Module with 2-port Ethernet Switch, with 7-ch RTD Inputs	V
PET-7215	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 7-ch RTD Inputs	
WISE-7215	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 7-ch RTD Inputs	
ET-7217	---	Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch AI, 4-ch DO	V
PET-7217	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch AI, 4-ch DO	
WISE-7217	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch AI, 4-ch DO	
ET-7217-10	---	Ethernet I/O Module with 2-port Ethernet Switch, with 10/20-ch AI	V
PET-7217-10	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 10/20-ch AI	
WISE-7217-10	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 10/20-ch AI	
ET-7218Z	---	Ethernet I/O Module with 2-port Ethernet Switch, with 10-ch Thermocouple Inputs, 5-ch DO	
PET-7218Z	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 10-ch Thermocouple Inputs, 5-ch DO	
WISE-7218Z	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 10-ch Thermocouple Inputs, 5-ch DO	
ET-7218Z/S	---	Ethernet I/O Module with 2-port Ethernet Switch, with 10-ch Thermocouple Inputs, 5-ch DO with DN-1820 Daughter Board	V
PET-7218Z/S	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 10-ch Thermocouple Inputs, 5-ch DO with DN-1820 Daughter Board	
WISE-7218Z/S	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 10-ch Thermocouple Inputs, 5-ch DO with DN-1820 Daughter Board	
ET-7218Z/S2	---	Ethernet I/O Module with 2-port Ethernet Switch with 10-ch Thermocouple Inputs, 5-ch DO with DN-1822 Daughter Board and a 1.8 m Cable	
PET-7218Z/S2	---	PoE Ethernet I/O Module with 2-port Ethernet Switch with 10-ch Thermocouple Inputs, 5-ch DO with DN-1822 Daughter Board and a 1.8 m Cable with PoE	
WISE-7218Z/S2	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch with 10-ch Thermocouple Inputs, 5-ch DO with DN-1822 Daughter Board and a 1.8 m Cable with PoE	
ET-7219Z	---	Ethernet I/O Module with 2-port Ethernet Switch with 10-ch universal AI, 5-ch DO	
PET-7219Z	---	PoE Ethernet I/O Module with 2-port Ethernet Switch with 10-ch universal AI, 5-ch DO	
WISE-7219Z	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch with 10-ch universal AI, 5-ch DO	

Main	Software	Diversity	Mode 1
ET-7219Z/S	---	Ethernet I/O Module with 2-port Ethernet Switch with 10-ch universal AI, 5-ch DO with DB-1820 Daughter Board	V
PET-7219Z/S	---	PoE Ethernet I/O Module with 2-port Ethernet Switch with 10-ch universal AI, 5-ch DO with DB-1820 Daughter Board	
WISE-7219Z/S	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch with 10-ch universal AI, 5-ch DO with DB-1820 Daughter Board	
ET-7219Z/S2	---	Ethernet I/O Module with 2-port Ethernet Switch with 10-ch universal AI, 5-ch DO with DN-1822 Daughter Board and a 1.8 m Cable	
PET-7219Z/S2	---	PoE Ethernet I/O Module with 2-port Ethernet Switch with 10-ch universal AI, 5-ch DO with DN-1822 Daughter Board and a 1.8 m Cable with PoE	
WISE-7219Z/S2	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch with 10-ch universal AI, 5-ch DO with DN-1822 Daughter Board and a 1.8 m Cable with PoE	
ET-7226	---	Ethernet I/O Module with 2-port Ethernet Switch, with 6-ch AI, 2-ch AO, 2-ch DI, 2-ch DO	V
PET-7226	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 6-ch AI, 2-ch AO, 2-ch DI, 2-ch DO	
WISE-7226	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 6-ch AI, 2-ch AO, 2-ch DI, 2-ch DO	
ET-7242	---	Ethernet I/O Module with 2-port Ethernet Switch, with 16-ch DO	V
PET-7242	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 16-ch DO	
WISE-7242	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 16-ch DO	
ET-7244	---	Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch DI, 8-ch DO	V
PET-7244	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch DI, 8-ch DO	
WISE-7244	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch DI, 8-ch DO	
ET-7251	---	Ethernet I/O Module with 2-port Ethernet Switch, with 16-ch DI	V
PET-7251	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 16-ch DI	
WISE-7251	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 16-ch DI	
ET-7252	---	Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch DI, 8-ch DO	V
PET-7252	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch DI, 8-ch DO	
WISE-7252	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch DI, 8-ch DO	
ET-7253	---	Ethernet I/O Module with 2-port Ethernet Switch, with 16-ch DI	V
PET-7253	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 16-ch DI	
WISE-7253	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 16-ch DI	
ET-7255	---	Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch DI, 8-ch DO	V
PET-7255	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch DI, 8-ch DO	
WISE-7255	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch DI, 8-ch DO	

Main	Software	Diversity	Mode 1
ET-7260	---	Ethernet I/O Module with 2-port Ethernet Switch, with 6-ch Relay Output and 6-ch DI	V
PET-7260	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 6-ch Relay Output and 6-ch DI	
WISE-7260	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 6-ch Relay Output and 6-ch DI	
ET-7267	---	Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch Relay	V
PET-7267	---	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch Relay	
WISE-7267	WISE	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 8-ch Relay	
tM-7561	Windows 98/ME/2000 /XP/Vista/ (32/64-bit)/7 (32/64-bit)/8 (32/64-bit)/Linux	USB to Isolated RS-485 Converter	V
tM-R5	---	5-channel Relay Output Module	V
tM-P3R3	---	3-channel Isolation Digital Input and 3-channel Relay Output Module	V
TPD-430	---	4.3" Touch HMI device with RS-485, USB, RTC, Suitable for the Outlet Box in United States	V
TPD-430-EU	---	4.3" Touch HMI device with RS-485, USB, RTC, Suitable for the European 86 x 86 mm Outlet Box	
TPD-433	---	4.3" Touch HMI device with Ethernet, RS-485, USB, RTC, Suitable for the Outlet Box in United States	V
TPD-433-EU	---	4.3" Touch HMI device with Ethernet, RS-485, USB, RTC, Suitable for the European 86 x 86 mm Outlet Box	
tDS-724	---	Tiny Device Server with PoE and 1 RS-232 and 1 RS-485 Ports	V
tGW-724	---	Tiny Modbus/TCP to RTU/ASCII gateway with PoE and 1 RS-232 and 1 485 Ports	
tDS-725	---	Tiny Device Server with PoE and 2 RS-485 Ports	V
tGW-725	---	Tiny Modbus/TCP to RTU/ASCII gateway with PoE and 2 RS-485 Ports	
tDS-734	---	Tiny Device Server with PoE and 2 RS-232 and 1 RS-485 Ports	V
tGW-734	---	Tiny Modbus/TCP to RTU/ASCII gateway with PoE and 2 RS-232 and 1 485 Ports	
tDS-735	---	Tiny Device Server with PoE and 3 RS-485 Ports	V
tGW-735	---	Tiny Modbus/TCP to RTU/ASCII gateway with PoE and 3 RS-485 Ports	
tM-7520U	---	Isolated RS-232 to RS-485 Converter	V
MN-2091U	---	Distributed Motionnet Single-axis Universal Motion Control Module with RJ-45 Connector	V
MN-2091U-T	---	Distributed Motionnet Single-axis Universal Motion Control Module with Terminal Block	
MN-3254	---	Distributed Motionnet 16-ch Isolated DI, 16-ch Isolated DO Module with RJ-45 Connector	V
MN-3254T	---	Distributed Motionnet 16-ch Isolated DI, 16-ch Isolated DO Module with Terminal Block	
DB-1820	---	Daughter Board	V

Devices Description					
Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	Monitor	DELL	U2410f	CN-0J257M-72872-08J -060L	Non-Shielded, 1.8m
(2)	Keyboard	DELL	SK-8110	CN-05N456-38842-357 -C508	Power by PC
(3)	Mouse	DELL	MOC5UO	HOX06NVO	Power by PC
(4)	PC	ICP DAS	VB-115H	N/A	Non-Shielded, 1.8m
※ PC Keypart information					
Main		Software	Diversity		Mode 1
(4)-1	VXC-142IAU	---	Universal PCI Bus, Serial Communication Board with 2 Isolated RS-422/485 ports		V
(4)-2	VXC-142AU	---	Universal PCI Bus, Serial Communication Board with 2 RS-422/485 ports		
(4)-3	PISO-MN200	---	PCI Bus, Dual-Line Motionnet Master Card with RJ-45 Connector		V
(4)-4	PISO-MN200T	---	PCI Bus, Dual-Line Motionnet Master Card with Terminal Block		
(4)-5	PISO-P32C32U	---	Universal PCI, 32-channel Optically Isolated Digital Input and 32-channel Optically Isolated Digital Open-collector output Board.(Current Sinking) Includes one CA-4037B cable and two CA-4002 D-Sub connectors.		V
(4)-6	PISO-P32C32U-5V	---	Universal PCI, 32-channel Optically Isolated Digital Input (Logic High: 5~12 V) and 32-channel Optically Isolated Digital Open-collector output Board. (Current Sinking) Includes one CA-4037B cable and two CA-4002 D-Sub connectors.		
(4)-7	ISO-813	---	32-channel/ 12-bit / Bus Isolated Analog Input Board Includes one CA-4002 D-Sub connector.		V
(4)-8	ISO-C64	---	Isolated 64-chanel digital Output Board (RoHS) Includes one CA-4037W cable and two CA-4002 D-Sub connectors.		V

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