



**SPORTON LAB.**

Certificate No: CB10002057

Report No.: EC111845

# CERTIFICATE

● **EQUIPMENT: ICP DAS with Converter**

**MODEL NO. : I-7520 (Please refer to the following table)**

**APPLICANT : ICP DAS CO., LTD.**

No. 111, Kuangfu N. Rd., Hukon Shiang, Hsinchu, Taiwan  
303, R.O.C.



**I HEREBY**

**CERTIFY THAT:**

THE MEASUREMENTS SHOWN IN THIS TEST REPORT WERE MADE IN ACCORDANCE WITH THE PROCEDURES GIVEN IN **EUROPEAN COUNCIL DIRECTIVE 2004/108/EC**. THE EQUIPMENT WAS **PASSED** THE TEST PERFORMED ACCORDING TO **European Standard EN 55022:2006/A1:2007 Class A, EN 61000-3-2:2006, EN 61000-3-3:2008, EN 55024:1998/A1:2001/A2:2003 (IEC 61000-4-2:2008, IEC 61000-4-3:2008, IEC 61000-4-4:2004, IEC 61000-4-5:2005, IEC 61000-4-6:2008, IEC 61000-4-8:2009, IEC 61000-4-11:2004)** THE TEST WAS CARRIED OUT ON **Jan. 25, 2011** AT **SPORTON INTERNATIONAL INC. LAB.**

*Castries Huang Feb 22, 2011*

**Castries Huang**



The model listed below is series model to I-7520.

Main	Software	Diversity
I-7520		Isolated RS-232 to RS-485 Converter
I-7520A		Isolated RS-232 to RS-422/485 Converter
I-7520R		RS-232 to Isolated RS-485 Converter
I-7510		Isolated RS-485 Repeater
I-7510AR		Three Way Isolated RS-422/485 Repeater/Converter
I-7513		Three Way Isolated RS-485 Active Star Wiring Hub
I-7188		Embedded Controller
I-7188D		Embedded Controller With LED
I-7188D(256K)		Embedded Controller With LED (SRAM 256K)
I-7188(512K)		Embedded Controller (SRAM 512K)
I-7188D(512K)		Embedded Controller With LED (SRAM 512K)
I-7188XC		Embedded Controller (1-Port RS-232,1-Port RS-485,2-CH DI,3-CH DO)
I-7188XCD		Embedded Controller (1-Port RS-232,1-Port RS-485,2-CH DI,3-CH DO) With LED
I-7188XCD-512		Embedded Controller (1-Port RS-232,1-Port RS-485,2-CH DI,3-CH DO) (SRAM 512K) With LED
I-7188XA		Embedded Controller (3-Port RS-232,1-Port RS-485,2-CH DI,2-CH DO)
I-7188XAD		Embedded Controller (3-Port RS-232,1-Port RS-485,2-CH DI,2-CH DO) With LED
I-7188XG		Embedded Ethernet / Internet Controller 1-CH DI , 1-CH DO
I-7188XGD		Embedded Ethernet / Internet Controller 1-CH DI , 1-CH DO With LED
I-7188EA		Embedded Ethernet / Internet Controller 6-CH DI , 7-CH DO
I-7188EAD		Embedded Ethernet / Internet Controller 6-CH DI , 7-CH DO With LED
I-7188EG		Ethernet ISaGRAF Palm-Size PAC
I-7188EGD		Ethernet ISaGRAF Palm-Size PAC With LED
I-7188EX		Embedded Ethernet / Internet Controller (1-Port RS-232,1-Port 485)
I-7188EXD		Embedded Ethernet / Internet Controller (1-Port RS-232,1-Port 485) With LED
I-7188E1		Internet Embedded Controller (1-Port RS-232)
I-7188E1D		Internet Embedded Controller (1-Port RS-232) With LED
I-7188E2		Internet Embedded Controller (1-Port RS-232,1-Port 485)
I-7188E2D		Internet Embedded Controller (1-Port RS-232,1-Port 485) With LED
I-7188E3		Internet Embedded Controller (1-Port RS-232,1-Port RS-422,1-Port RS-485,4-CH DI,4-CH DO)
I-7188E3D		Internet Embedded Controller (1-Port RS-232,1-Port RS-422,1-Port RS-485,4-CH DI,4-CH DO) With LED
I-7188E4		Internet Embedded Controller (3-Port RS-232,1-Port RS-485)
I-7188E4D		Internet Embedded Controller (3-Port RS-232,1-Port RS-485) With LED
I-7188E5-232		Internet Embedded Controller (4-Port RS-232,1-Port RS-485)
I-7188E5D-232		Internet Embedded Controller (4-Port RS-232,1-Port RS-485) With LED
I-7188E8		Internet Embedded Controller (7-Port RS-232,1-Port RS-485)
I-7188E8D		Internet Embedded Controller (7-Port RS-232,1-Port RS-485) With LED
I-7188E3-232		Internet Embedded Controller (2-Port RS-232,1-Port RS-485,4-CH DI,4-CH DO)
I-7188E3D-232		Internet Embedded Controller (2-Port RS-232,1-Port RS-485,4-CH DI,4-CH DO) With LED
I-7188E5-485		Internet Embedded Controller (1-Port RS-232,4-Port 485)
I-7188E5D-485		Internet Embedded Controller (1-Port RS-232,4-Port 485) With LED
I-7011		One-channel Thermocouple Input Module
I-7011D		One-channel Thermocouple Input Module With LED
I-7011P		One-channel Thermocouple Input Module With open-wire detection
I-7011PD		One-channel Thermocouple Input Module With open-wire detection and LED
I-7021		One-channel 12-bit Analog Output Module
I-7021P		One-channel 16-bit Analog Output Module
I-7050		7-channel Source Type Non-Isolated Digital Input and 8-channel Sink Type Non-Isolated

Main	Softwave	Diversity
		Digital Output Module with 16-bit Counters
I-7050D		7-channel Source Type Non-Isolated Digital Input and 8-channel Sink Type Non-Isolated Digital Output Module with 16-bit Counters With LED
I-7050A		7-channel Source Type Non-Isolated Digital Input and 8-channel Sink Type Non-Isolated Digital Output Module with 16-bit Counters (Current Sink)
I-7050AD		7-channel Source Type Non-Isolated Digital Input and 8-channel Sink Type Non-Isolated Digital Output Module with 16-bit Counters (Current Sink) With LED
I-7080	C Language	Counter/Frequency Input Module
I-7080D	C Language	Counter/Frequency Input Module With LED
M-7080	Modbus	Counter/Frequency Input Module
M-7080D	Modbus	Counter/Frequency Input Module With LED
I-7043		16-channel Open Collector Non-isolated Digital Output Module
I-7043D		16-channel Open Collector Non-isolated Digital Output Module With
I-7044		4-channel Isolated Digital Input and 8-channel Isolated Digital Output Module with 16-bit Counters
I-7044D		4-channel Isolated Digital Input and 8-channel Isolated Digital Output Module with 16-bit Counters With LED
I-7067	C Language	7-channel Relay Output Module
I-7067D	C Language	7-channel Relay Output Module With LED
M-7067	Modbus	Modbus 7-channel Relay Output Module
M-7067D	Modbus	Modbus 7-channel Relay Output Module With LED
PET-7052		8-Channel DO and 8-Channel DI PoE Module
PET-7053		16-Channel DI PoE Module
PETL-7060		Ethernet module with PoE and Power Relay Output/Digital Input
X505		3-Port RS-232
X506		6-Port RS-232
X508		1-Port RS-232 add 4-channel D/I, 4-channel D/O
X511		3-Port RS-485
uPAC-5001	C Language	Embedded Controller
uPAC-5001D	C Language	Embedded Controller with LED
uPAC-5001-FD	C Language	Embedded Controller with 64M flash
uPAC-5001D-FD	C Language	Embedded Controller with 64M flash / LED
uPAC-5002	C Language	Embedded Controller with 768K SRAM
uPAC-5002D	C Language	Embedded Controller with LED / 768K SRAM
uPAC-5002-FD	C Language	Embedded Controller with 64M flash / 768K SRAM
uPAC-5002D-FD	C Language	Embedded Controller with 64M flash / 768K SRAM / LED
uPAC-5002-SM	C Language	Embedded Controller with 512K Battery Backup SRAM
uPAC-5002D-SM	C Language	Embedded Controller with 512K Battery Backup SRAM / LED
uPAC-5007	ISaGRAF	Embedded Controller
uPAC-5007P	ISaGRAF	Embedded Controller with PoE
WISE-5800	Web Inside	User-defined I/O Expansion Module with XW-board & WISE firmware
WISE-5801	Web Inside	User-defined I/O Expansion Module with remote IO & WISE firmware
WISE-5900	Web Inside	User-defined I/O Expansion PoE Module with XW-board & WISE firmware
WISE-5901	Web Inside	User-defined I/O Expansion PoE Module with remote IO & WISE firmware

Note :

1. The difference between the "I-7520" and "I-7520A" is function, and "I7520A" has more functions, but their hardware design is identical, so only "I7520A" was performed in this report.
2. The difference among the "I-7510", "I-7513" and "I-751AR" is function, and "I-751AR" has more functions, but their hardware design is identical, so only "I-751AR" was performed in this report.
3. The difference among the "I-7188", "I-7188D", "I-7188D(256K)", "I-7188(512K)" and "I-7188D(512K)" is function, and "I-7188D(512K)" has more functions, but their hardware design is identical, so only "I-7188D(512K)" was performed in this report.
4. The difference among the "I-7188XC", "I-7188XCD" and "I-7188XCD-512K" is function, and "I-7188XCD-512K" has more functions, but their hardware design is identical, so only "I-7188XCD-512K" was performed in this report.
5. The difference between the "I-7188XA" and "I-7188XAD" is LED, so only "I-7188XAD" was performed in this report.
6. The difference between the "I-7188XG" and "I-7188XGD" is LED, so only "I-7188XGD" was performed in this report.
7. The difference between the "I-7188EX" and "I-7188EXD" is LED. In addition, the difference among the "I-7188EA", "I-7188EAD", "I-7188EG", "I-7188EGD" and "I-7188EXD" is function, and "I-7188EXD" has more functions, but their hardware design is identical, so only "I-7188EXD" was performed in this report.
8. The difference among the "I-7188E1", "I-7188E1D", "I-7188E4", "I-7188E4D", "I-7188E8", "I-7188E8D" is function, and "I-7188E8D" has more functions, but their hardware design is identical, so only "I-7188E8D" was performed in this report.
9. The difference between the "I-7188E3" and "I-7188E3D" is LED, so only "I-7188E3D" was performed in this report.
10. The difference between the "I-7188E5-232" and "I-7188E5D-232" is LED. In addition, the difference among the "I-7188E3"-232, "I-7188E3D-232", and "I-7188E5D-232" is function, and "I-7188E5D-232" has more functions, but their hardware design is identical, so only "I-7188E5D-232" was performed in this report.
11. The difference between the "I-7188E2" and "I-7188E2D" is LED, so only "I-7188E2D" was performed in this report.
12. The difference between the "I-7188E5-485" and "I-7188E5D-485" is LED, so only "I-7188E5D-485" was performed in this report.
13. The difference among the "I-7011", "I-7011D", "I-7011P" and "I-7011PD" is function, and "I-7011PD" has more functions, but their hardware design is identical, so only "I-7011PD" was performed in this report.
14. The difference between the "I-7021" and "I-7021P" is function, and "I-7021P" has more functions, but their hardware design is identical, so only "I-7021P" was performed in this report.
15. The difference between the "I-7050" and "I-7050D" is function, and "I-7050D" has more functions, but their hardware design is identical, so only "I-7050D" was performed in this report.
16. The difference between the "I-71050A" and "I-7050AD" is LED, so only "I-7050AD" was performed in this report.
17. The difference between the "I-71050A" and "I-7050AD" is LED, so only "I-7050AD" was performed in this report.
18. The difference between the "I-7080" and "I-7080D" is LED. In addition, the difference among the "I-7080D", "M-7080" and "M-7080D" is software, but their hardware design is identical; Also, the difference among the "M-7067", "M-7067D" and "I-7067D" is software, but their hardware design is identical, only "I-7080D" was performed in this report.
19. The difference between the "I-7043" and "I-7043D" is LED, so only "I-7043D" was performed in this report.
20. The difference between the "I-7044" and "I-7044D" is LED, so only "I-7044D" was performed in this report.
21. The difference between the "I-7067" and "I-7067D" is LED, so only "I-7067D" was performed in this report.
22. Model "X505" was installed in "I-7188E5D-232", so only "I-7188E5D-232" was performed in this report.
23. Model "X506" was installed in "I-7188E8D", so only "I-7188E8D" was performed in this report.
24. Model "X508" was installed in "I-7188E3D", so only "I-7188E3D" was performed in this report.
25. Model "X511" was installed in "I-7188E5D-485", so only "I-7188E5D-485" was performed in this report.
26. The difference among the "uPAC-5001", "uPAC-5001D", "uPAC-5001-FD" and "uPAC-5001D-FD" is function, and "uPAC-5001D-FD" has more functions, but their hardware design is identical, so only "uPAC-5001D-FD" was performed in this report.
27. The difference among the "uPAC-5002", "uPAC-5002D", "uPAC-5002-FD", "uPAC-5002D-FD", "uPAC-5002-SM" and "uPAC-5002D-SM" is function, and "uPAC-5002D-FD" has more functions, but their hardware design is identical. In addition, the difference among the "uPAC-5007", "uPAC-5007P", "WISE-5800", "WISE-5801", "WISE-5900", "WISE-5901" and "uPAC-5002D-FD" is software, but their hardware design is identical so only "uPAC-5002D-FD" was performed in this report.

Please refer to user manual.