



# VERIFICATION

Report No.: FV072722

Date: 2010/8/31

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

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

## NOT TRANSFERABLE

Verification is hereby issued to the named GRANTEE and is VALID ONLY for the equipment identified hereon for use under the rules and regulation listed below.

Name of Grantee: : ICP DAS CO., LTD.  
Equipment Description : ICP DAS with Converter  
Model No. : XP-8041  
(Please refer to Additional information in Appendix 1 )  
Trade Name : ICP DAS  
Type designation : Appendix 1 to Report No.: FV072722  
Applicable Regulation : FCC Part 15, Subpart B  
Classification of ITE : Class A

### Note(s):

- (1) See attached Report dated **Jul. 29, 2010** of type  
For detail and conditions of this Verification.
- (2) Test methods employed conform to the Standard  
Operating Procedures of SPORTON INTERNATIONAL INC.

In correspondence concerning this Verification,  
Please refer to the date, Grantee Name and Model No.  
Additional information in Appendix 1

A handwritten signature in blue ink, appearing to read "Castries Huang", with a date "8/31/2010" written below it.

**Castries Huang**

**SPORTON INTERNATIONAL INC.**



**Appendix 1 to Report No.: FV072722**

**Additional Information**

The model listed below is series model to XP-8041 .

<b>Main</b>	<b>Operating Software</b>	<b>Software</b>	<b>Diversity</b>
M-7005			8-channel Thermistor Input and 6-channel Alarm Output Module(Modbus)
M-7045-NPN			16-channel Sink Type Isolated Digital Output Module (Modbus)
M-7045D-NPN			16-channel Sink Type Isolated Digital Output Module with LED (Modbus)
M-7055-NPN			8-channel Isolated Digital Input and 8-channel Isolated Digital Output Module with 16-bit Counters (Modbus)
M-7055D-NPN			8-channel Isolated Digital Input and 8-channel Isolated Digital Output Module with 16-bit Counters & LED (Modbus)
M-7058			8-channel 80-250VAC Isolated Digital Input Module with 16-bit Counters (Modbus)
M-7058D			8-channel 80-250VAC Isolated Digital Input Module with 16-bit Counters with LED (Modbus)
M-7061		Modbus	12-channel Relay Output Module (Modbus)
M-7061D		Modbus	12-channel Relay Output Module with LED (Modbus)
I-7045-NPN			16-channel Sink Type Isolated Digital Output Module
I-7045D-NPN			16-channel Sink Type Isolated Digital Output Module with LED
I-7055-NPN			8-channel Isolated Digital Input and 8-channel Isolated Digital Output Module with 16-bit Counters
I-7055D-NPN			8-channel Isolated Digital Input and 8-channel Isolated Digital Output Module with 16-bit Counters & LED
I-7061		DCON Protocol	12-channel Relay Output Module
I-7061D		DCON Protocol	12-channel Relay Output Module with LED
I-87016W			2-channel Isolated Strain Gauge Input Module
I-87018PW			8-channel Thermocouple Input Module High Over Voltage Protection
I-87042DW			16-channel Isolated Digital Input & 16-channel Isolated Digital Output Module
I-87057PW			16-channel Open Collector Isolated Digital Output Module
FR-2017iT			8/16-channel Isolated Analog Input Module With High Voltage Protection And Isolated Communication Line
tDS-712		tDS700BF	Tiny Serial-to-Ethernet Device Servers (1-Port RS-232)
tGW-712		Modbus	Tiny Serial-to-Ethernet Device Servers (1-Port RS-232)
tDS-722		tDS700BF	Tiny Serial-to-Ethernet Device Servers (2-Port RS-232)
tGW-722		Modbus	Tiny Serial-to-Ethernet Device Servers (2-Port RS-232)
tDS-732		tDS700BF	Tiny Serial-to-Ethernet Device Servers (3-Port RS-232)
tGW-732		Modbus	Tiny Serial-to-Ethernet Device Servers (3-Port RS-232)
tDS-718		tDS700BF	Tiny Serial-to-Ethernet Device Servers (1-Port RS-232/422/485)
tGW-718		Modbus	Tiny Serial-to-Ethernet Device Servers (1-Port RS-232/422/485)



<b>Main</b>	<b>Operating Software</b>	<b>Software</b>	<b>Diversity</b>
tDS-715		tDS700BF	Tiny Serial-to-Ethernet Device Servers (1-Port RS422/485)
tGW-715		Modbus	Tiny Serial-to-Ethernet Device Servers (1-Port RS422/485)
tDS-725		tDS700BF	Tiny Serial-to-Ethernet Device Servers (2-Port RS-485)
tGW-725		Modbus	Tiny Serial-to-Ethernet Device Servers (2-Port RS-485)
tDS-735		tDS700BF	Tiny Serial-to-Ethernet Device Servers (3-Port RS-485)
tGW-735		Modbus	Tiny Serial-to-Ethernet Device Servers (3-Port RS-485)
NS-200AFT			Industrial 10/100 Base-T to 100 Base-FX Media Converter (Multi-mode)
NS-200AFT-T			Industrial 10/100 Base-T to 100 Base-FX Media Converter (Multi-mode)
NS-205PSE-24V			5-Port 10/100 Mbps PoE (PSE) Ethernet Switch with 24 VDC Input
NSM-205PSE-24V			5-Port 10/100 Mbps PoE (PSE) Ethernet Switch with 24 VDC Input with Metal Casing
RSM-405FT			Multi-mode, ST Connector, 3-Port 10/100 Base-T + 2-Port 100 Base-FX Fiber Real-time Redundant Ring Switch Multi-mode with metal case
XP-8041	XPE2009		Standard XP-8000 with 0 I/O Slot (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8042	XPE2009	King View	Standard XP-8000 with 0 I/O Slot (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8041-CE6	Windows CE		Standard XP-8000 with 0 I/O Slot (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8046-CE6	Windows CE	Indusoft + ISaGRAF	Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8046-CE6-PRO	Windows CE Professional		Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8047-CE6	Windows CE	ISaGRAF	Standard XP-8000 with 0 I/O Slot (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8049-CE6	Windows CE	Indusoft	Standard XP-8000 with 0 I/O Slot (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
LP-8081		Linux kernel	LinPAC-8000 with 0 I/O Slot (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8341	XPE2009		Standard XP-8000 with 3 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8342	XPE2009	King View	Standard XP-8000 with 3 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8341-CE6	Windows CE		Standard XP-8000 with 3 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8346-CE6	Windows CE	Indusoft + ISaGRAF	Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8346-CE6-PRO	Windows CE Professional		Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8347-CE6	Windows CE	ISaGRAF	Standard XP-8000 with 3 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8349-CE6	Windows CE	Indusoft	Standard XP-8000 with 3 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
LP-8381		Linux kernel	LinPAC-8000 with 3 I/O Slot (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8742	XPE2009	King View	Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)



Main	Operating Software	Software	Diversity
XP-8741-CE6	Windows CE		Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8746-CE6	Windows CE	Indusoft + ISaGRAF	Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8746-CE6-PRO	Windows CE Professional		Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8747-CE6	Windows CE	ISaGRAF	Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8749-CE6	Windows CE	Indusoft	Standard XP-8000 with 7 I/O Slots (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)
XP-8781		Linux kernel	LinPAC-8000 with 7 I/O Slot (1-Port VGA 2-Port USB 2-Port Ethernet 5-Port RS-232/485)

- Note :
1. The difference between the “M-7045-NPN” and “M-7045D-NPN” is LED, so only “M-7045D-NPN” was performed in this report.
  2. The difference between the “M-7055-NPN” and “M-7055D-NPN” is LED, so only “M-7055D-NPN” was performed in this report.
  3. The difference between the “M-7058” and “M-7058D” is LED, so only “M-7058D” was performed in this report.
  4. The difference among the “M-7061”, “M-7061D”, “I-7061” and “I-7061D”, are only the software and LED, but their hardware design are identical, so only “I-7061D” was performed in this report.
  5. The difference between the “I-7045-NPN” and “I-7045D-NPN” is LED, so only “I-7045D-NPN” was performed in this report.
  6. The difference between the “I-7055-NPN” and “I-7055D-NPN” is LED, so only “I-7055D-NPN” was performed in this report.
  7. The difference between the “tDS-712” and “tGW-712” are only the software, but their hardware design is identical.
  8. The difference among the “tDS-722”, “tGW-722”, “tDS-732” and “tGW-732”, are only the software and RS-232 port, but their hardware design are identical, so only “tDS-732” was performed in this report.
  9. The difference among the “tDS-718”, “tGW-718”, “tDS-715” and “tGW-715”, are only the software and RS-232 port, but their hardware design are identical, so only “tDS-718” was performed in this report.
  10. The difference among the “tDS-725”, “tGW-725”, “tDS-735” and “tGW-735”, are only the software and RS-485 port, but their hardware design are identical, so only “tDS-735” was performed in this report.
  11. The difference between the “NS-200AFT” and “NS-200AFT-T” is only the operation temperature, but their hardware design and software are identical, so only “NS-200AFT-T” was performed in this report.
  12. The difference between the “NS-205PSE-24V” and “NSM-205PSE-24V” is only the metal casing, but their hardware design and software are identical, so only “NS-205PSE-24V” was performed in this report.
  13. The difference among the “XP-8041”, “XP-8042”, “XP-8041-CE6”, “XP-8046-CE6”, “XP-8046-CE6-PRO”, “XP-8047-CE6”, “XP-8049-CE6” and “LP-8081”, are only the operating software and the software, so only “XP-8041” was performed in this report.
  14. The difference among the “XP-8341”, “XP-8342”, “XP-8341-CE6”, “XP-8346-CE6”, “XP-8346-CE6-PRO”, “XP-8347-CE6”, “XP-8049-CE6” and “LP-8381”, are only the operating software and the software, so only “XP-8341” was performed in this report.
  15. The difference among the “XP-8742”, “XP-8741-CE6”, “XP-8746-CE6”, “XP-8746-CE6-PRO”, “XP-8747-CE6”, “XP-8749-CE6” and “XP-8781”, are only the operating software and the software, so only “XP-8741-CE6” was performed in this report.