

XP-8000-Atom-CE6 Quick Start Guide

Version 1.0.3, June 2012

Congratulations!

Congratulations on purchasing XP-8000-Atom-CE6 - the most popular automation solution for remote monitoring and control application. This Quick Start Guide intends to provide information for getting started with XP-8000-Atom-CE6. Please also consult the User Manual for detailed information on the setup and use of XP-8000-Atom-CE6.

What's In the Box?

In addition to this guide, the package includes the following items:



XP-8000-Atom-CE6 Module XP-8141-Atom-CE6 XP-8341-Atom-CE6 XP-8741-Atom-CE6



2 GB CF card



Software Utility CDScrew Driver(1C016)2.4 mm

Technical Support

• XP-8000-Atom-CE6 User Manual

CD:\XPAC-ATOM-CE6\Document\User_Manual\

http://ftp.icpdas.com/pub/cd/xpac-atom-ce6/document/user_manual/

XP-8000-Atom-CE6 Website

http://www.icpdas.com.tw/product/solutions/pac/xpac-atom/xpac-atom_introduction.html

Configuring the boot mode

Before starting any installation, be sure that the switch is placed in the "0" position.



2 Connecting to PC, Monitor and Power Supply

- i. Connect the LAN port to a router (or hub).
- ii. Connect the USB mouse and USB keyboard to the USB port.
- iii. Connect the monitor to the VGA port.
- iv. Connect the +24 V_{DC} power supply to PWR1 and GND terminals.



3

Inserting the I/O Modules

Only high profile I-8K and I-87K series modules can be plugged into XP-8000-Atom-CE6.

For more information about this expansion I/O modules, please refer to <u>http://www.icpdas.com/products/PAC/xpac/IO</u> <u>Expansion.htm</u>



4 Changing the User Interface Language

The "Regional Settings" is a Windows CE functionality that allows users to easily change the XP-8000-Atom-CE6 user interface with your native language.

Step 1 Click "Start" >> "Settings" >> "Control Panel", and then click "Regional Options"



Step 2 Click "User Interface Language" tab, choose your local language from drop-down menu, and then click "OK"



Step 3 Click "OK", and then reboot the XP-8000-Atom-CE6 for changes to take effect

VI change request 🛛 🛛 🔀 🔀

In order for the UI changes to take effect the device must be reset. Please shutdown your applications and reset the device.

5

Configure the XP-8000-Atom-CE6

The XPAC Utility is a tool kit designed to quickly control and configure XP-8000-Atom-CE6.



Step 2 Configure the IP(DHCP), FTP Server, Auto Execution, etc

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eneral Display IP Cor	nfig Network Device In	formation Auto Execu	ition Rotary Execution M 💷 🕨		
LAN 1:		LAN 2:			
MAC Address: 00-90-FB-30-31-01		MAC Address:	MAC Address: 00-0D-E0-12-45-23		
O Use DHCP to get IP address		🔿 Use DHCP t	🔿 Use DHCP to get IP address		
Assign IP address		le Assign IP a	Assign IP address		
IP Address:	10.1.0.45	IP Address:	10.1.0.38		
Mask:	255.255.0.0	Mask:	255.255.0.0		
Gateway:	10.1.0.254	Gateway:	10.1.0.254		
DNS Server:	10.0.0.3	DNS Server:	10.0.0.3		
	Apply		Apply		

Configure I-87K Modules

DCON Utility is a tool kit designed to quickly control and configure I-87K series expansion I/O modules on XP-8000-Atom-CE6.

Step 1 On XP-8000-Atom-CE6 side, double-click the server program, "DCON_CE_Vxxx"

The "DCON_CE_Vxxx" are pre-installed on the XP-8000-Atom-CE6, located under \System_Disk\Tools\DCON_CE



Step 2 On PC side, double-click the "DCON Utility "

The "DCON Utility" can be installed from the CD that was provided with the package or by downloading the latest version from ICP DAS web site.

CD:\XPAC-ATOM-CE6\PC_Tools\DCON_Utility\

http://ftp.icpdas.com/pub/cd/xpac-atom-ce6/pc_tools/dcon_utility/



Step 3 Click the "WINCE" common button



Step 4 Click the "XPAC_CE" tab, type the IP address of the XP-8000-Atom-CE6, and then click the "Connect to XPAC_CE" button

WinPAC-8000 WinCon-8000 (DCON_CE_V20X) WinCon-8000 (DCON_CE_V21X) XPAC_CE VinCon-8000 (DCON_CE_V21X) XPAC_CE Please confirm PAC Model before connect to PAC • COM 1 (Backplane COM Port) • COM 2 (Console Port) • COM 3 (RS-485) • COM 4 (RS232/RS-485) • COM 4 (RS232/RS-485) • COM 5 (RS232) IP: 10.1.0.26 Connect to XPAC_CE About download DCON_CE_V60X for XPAC_CE , please refrer to ftp://ftp.icpdas.com/pub/cd/xpac/wince6\system_disk\tools\dcon_ce	WINCE device Connection :		×
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Tips & Warnings



If the DCON Utility cannot connect to XP-8000-Atom-CE6, the Ethernet connection between the host PC and the XP-8000-Atom-CE6 might be rejected by fire wall, please contact with MIS to open the Ethernet port.

Step 5 Click the module name from the list to enter the configure form and control form

DCON_UTII	LITY_VER[514]	The I/O Modu	les Found		_ 🗆 🗙
File COM Pe	ort Search R	un Terminal	Language He	elp	
		Star	t 0 End	1 10 (Address 0~255)	
module Address XPAC_CE 1[1] XXXXX S0 XXXXX S1 87017 S2 87024 S3 XXXXX S4 XXXXX S5 XXXXX S6 XXXXX S7	Baudrate: Checks 9600 Disable 9600 Disable 9600 Disable 9600 Disable 9600 Disable 960 Disable 960 Configuration	um format Statu N.8,1 Iration for 8701	ns 7 Module Versia Chann	Description XPAC_CE System(DCDN) [Parallel bus module] or [None] [Parallel bus module] or [None] 8*AI (mA,mV/N) 4*A0 (mA,V) 0n: A600 mel Enable/Disable Setting:	×
-Soarching Statue	Protocol: Address[dec] Baudrate: Checksum Dataformat: Input range:	DCON 1 9600 Disable Engineering (08) +/- 10 V	:H3 되 :H3 되 :H3 되 :H3 되 :H3 되 ·	0 +000.000 IV CH:4 -000.009 1 +000.000 IV CH:5 -000.013 12 -000.004 IV CH:6 -000.016 13 -000.008 IV CH:7 -000.001	
TCP/IP Address:	10:0 Filter Setting: Mode: Parity Option: Version In	60Hz Normal Mode None Parity(N,8,1) nformation Se	Modbu	Select All Clear All Exit	

Tips & Warnings



If there is no operation within 30 seconds, the connection will automatically close to release the COM port occupied.

DCON_	Utility 🔀
1	30 seconds timeout to communicate with the WINCE device Please re-connect again
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Additional Information

After you have finished configuring your module(s), you may start to develop your own applications. For detailed instructions and more applications, please refer to XP-8000-Atom-CE6 User Manual.