

Package Checklist

The package includes the following items:

- One I-7188E hardware module
- Two User Manuals
- One Quick Start Manual
- One companion CD containing software drivers and digital versions of the user manuals
- One RS-232 download cable (CA-0910)

Related documents and firmware

Documents

- User Manual (software): 7188ess.pdf
- User Manual (hardware): 7188ehh.pdf
- Quick Start Manual: 7188E_QuickStart_Manual.pdf
- CD:\NAPDOS\7188E\Document\
- http://ftp.icpdas.com/pub/cd/8000cd/napdos/7188e/document/

Firmware

- CD:\NAPDOS\7188E\TCP\VxComm\Server(7188e)\
- http://ftp.icpdas.com/pub/cd/8000cd/napdos/7188e/tcp/vxcomm/server(7188e)/





Note: Vs+ can be in a range from +10V to +30VDC.

After apply power to I-7188E, the 5-digits 7-SEG LED will show as follows:



After apply power to I-7188E, the system LED indicator continuously blinks once and waits for one second before beginning the next cycle, as per the diagram below.



Software Installation

Install Vxcomm Utility

- 1. The installation software can be obtained from the following location.
 - CD:\8000\Napdos\7188e\tcp\vxcomm\driver(pc)\
 - http://ftp.icpdas.com/pub/cd/8000cd/napdos/7188e/tcp/vxcomm/driver(pc)/
- 2. After finishing the installation of Vxcomm Utility, it will ask you to restart your computer.
- 3. After rebooting the computer, the VxComm Utility will ask you to configure the virtual COM. Please refer to next section for more information.

VxComm Utility [v2.8.1	2 Beta, Jun. 27, 2007]			
	7188E/8000E Internet/Ether IP : 192.168.255.1 Por	net Controller t : 10000 Time V Connect to Ser	eout (ms) 5000	Add Server
Configure Server	- VxComm Servers	P	ort COM	Baudrate
Configure Port Web Configuration System Infomation				
Search Device	Name Alias MAC Addres	s IP Address Su	b-net Gateway	DHCP
Configure Device				
Exit				

Install MiniOS7 Utility

The installation software can be obtained from the following location.

- CD:\8000\Napdos\minios7\utility\minios7_utility\
- http://ftp.icpdas.com/pub/cd/8000cd/napdos/minios7/utility/minios7_utili ty/

MiniOS7 Utility Verion 3.1.1 (build 3	.1.1.1)						
🔯 File 🌔 Connection 👻 🚸 Command 🛐	Configuration 📑 Tools	🥔 Help 🔻	•				
Look jn: 🛅 MiniOS7_Utility	🕑 🔇 🤣 📂		L	ock in: Disk A	~		8
Name Size	Туре	Modi	No	Name		Size	Modified
🛅 bin	File Folder	5/23/					
EIRMWARE	File Folder	5/23/					
C OS_IMAGE	File Folder	5/23/					
🧉 icpdas 1KB	Internet Shortcut	5/23/					
🔊 load232.dll 88KE	Application Extension	1/31/					
👔 💕 MiniOS7_Utility 1,025KB	Compiled HTML Help	3/6/2					
MiniOS7_Utility 2,094KB	Application	3/22/					
MiniOS7_Utility 3KB	Configuration Settings	3/7/2					
🔰 uart.dll 56KB	Application Extension	12/8/					
📃 🔟 unins000 9KB	DAT File	5/23/					
15 unins000 662KE	Application	5/23/					
<		>					
[🕨 Connection(F2) 🗊 Upload(F5) 📚 Disk	Tool(F6) 🛅 Info(F7)	🙆 Delete((F8) 🔁	Refresh(F9)	E Console(F10)	DOS(F11)	🚧 Search(F12)

Configure the Ethernet settings of I-7188E

1. Run the Vx comm Utility and then searches the I-7188E.



2. Double-click the I-7188E to configure the Ethernet settings.

				I-7188E	Quick	Start
Configure Device (U	DP)			X		
Device Name :	7188E2					
IP Address :	192.168.255.1	Alias:	N/A	(7 Chars)		
Sub-net Mask :	255.255.0.0	MAC:	00:0d:e0:00:42	2:3d		
Gateway :	192.168.0.1	DHCP:	0: OFF 💌			
Warning!! Contact your Netw correct configura	vork Administrator to get tion before any changing		OK Ster	Cancel		

- Add an I-7188E server and configure the VxComm driver
- 1. Run the VxComm Utility. Type the IP address of the I-7188E server and click the **Add Server** button to add a new server.

7188E/8000E Intern IP : 192.168.255.1	tep 1 potroller Port : 10000	Timeout (ms)	5000	JAdd Serv	Step 2
Check Duplicated		t to Server			
Ensure that the Check Server options are both	Duplicated IP and the content of t	and Connect to	D		

2. Configure the virtual COM port(s) by double-clicking Port1, Port2, etc.

VxComm Servers 	PortCOMPort I/OReservedPort 1UnMapPort 2UnMap	Baudrat Step 1 Fixed Dynamic Dynamic
Port Configuration Server: 7188E2 (192.168.255.1), Port 1 Port Mapping (PC) Port Setting (Device) Select COM COM2 Re-assigi COM3 Skip baucra COM5 Virtual COM COM6 (Less con li COM7 COM10 COM11 COM12 0	inges. Step 3 K Cancel	

3. Click the **Re-start** button to re-start the driver.



Download VxComm firmware to the I-7188E

- 1. The VxComm firmware, vcomnnn.exe, can be obtained from the following location:
 - CD:\NAPDOS\7188E\TCP\VxComm\Server(7188e)\
 - http://ftp.icpdas.com/pub/cd/8000cd/napdos/7188e/tcp/vxcomm/server(7188e)/
- 2. Run the MiniOS7 Utility and then search the I-7188E.

🚵 MiniOS7 Utility Verion 3.1.1 (build 🛛	3.1.1.1)	
🔯 File 🌓 Connection 🔻 🚸 Command 🛐	Configuration 📷 Tools 🧼 Help 🔻	
New connection F2 Look in: Last Connection Alt+F2 Step 1 sconnect Ctrl+F2	Lock in: Disk A	
bin Search F12	🖄 MiniOS7 Scan	
C FIRMWARE	Stopy Options Connect Clear IP setting Help Exit	
icpdas	Type IP/Port Name	Alias 🔼
🛐 load232.dll 888	UDP Poll 10.0.8.136 7188E_UDP	
😵 MiniOS7_Utility 1,025	▶ COM1 10.0.8.136 7188E_UDP	
MiniOS7_Utility 2,094		~
📴 MiniOS7_Utility 31		>
🔊 uart.dll 561	Scan COM4	
🖬 unins000 91		
15 ⁴ unins000 6621		

- 3. Point to the module that you want to use in the search result, and then double-click to return to main window of MiniOS7 Utility.
- 4. Move the files from left hand window to right hand window using a drag-and-drop operation to download files to I-7188E.



Technical Support

1. ICP DAS Service E-mail Account: service@icpdas.com

2. ICP DAS Website: www.icpdas.com