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Why can't I connect to the ET-7000 web page using a web browser?

1.1. Description

Why isn't a connection established when I type the IP address (e.g., 192.168.71.205) of the ET-7000 series module into the web browser?



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1.2. Troubleshooting

If your computer has Internet access, there may be two reasons for this behavior, as described below.

1. The **Web Server TCP Port** (Default: Port 80, Range: 1 ~ 65535), shown on the **Basic Settings** page, has been changed.

Note: If the default TCP Port is not used (i.e., TCP Port 125), ensure that the Port number is included in the address entered in the web browser (i.e., "192.168.71.205**:125**").

🔄 Main Menu		
🖻 Overview	Basic Settings	
Configuration	Module Name	PET-7026
Basic Settings	Module Information	Maximum
Module I/O Settings	Page Header Information (First line)	ICP DAS Maximum Color Red V Font Size 7 V
Web HMI Pair Connection More Information	Page Header Information (Second line)	http://www.icpdas.com Color Red V Font Size 4 V
	More Information URL	http://www.icpdas.com/products/Remote_IO/et-7000
	Web Server Port	125
	Modbus TCP Port	502
	Modbus TCP Port (WAN)	502 This setting can be ignored
		Submit

2. The **IP Filter Settings** function may be enabled and the IP address of your computer is not within the valid range. For example, if the valid range is from 192.168.71.1 to **200**, then you will be unable to connect to the ET-7000 web page using the IP Address "192.168.71.**201**" or "192.168.**88.8**".

🔄 Main Menu					
🖻 Overview	IP Filt	er Settings			
Configuration	Er	hable the IP filter table. (N	Note: By leaving this unchecked, the fil	ter table will be disabled,	which will allow co
Account Management	IP add	Activate	From (IP Address)		To (IP Address)
Accessible IP Settings	1		192.168.71.1		192.168.71.200
🗉 🧰 Web HMI	2				
Pair Connection	3				
More Information	4				
	5				
	6			_	
				Submit	

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1.3. Download Files

To download the files related to this FAQ, go to: <u>ISaGRAF Web Page</u> > Download – <u>FAQ</u> > FAQ-173 or <u>http://www.icpdas.com/faq/isagraf/173.htm</u>.

Unzip the download file (i.e., faq_173.zip) to a folder on the Windows Desktop or any other convenient location. The "faq_173" folder includes this PDF file and related files (i.e., Set_ET-7000\Set_P80\ SetP80.exe and Set_ET-7000\Set_IP_Filter\setdef.exe), which can be used to reset the "Web Server TCP Port" and the "IP Filter Settings" to the default settings.

Related Reading:

> PET-7000/ET-7000 Series Quick Start Guide

> PET-7000/ET-7000 Series User Manual

- PET-7000/ET-7000 Selection Guide <u>ICP DAS Web Site</u> > <u>Product > Solutions > Remote I/O modules/Units</u> > <u>Ethernet I/O</u>
- MiniOS7 Utility <u>http://ftp.icpdas.com/pub/cd/8000cd/napdos/minios7/utility/minios7_utility/</u>

Further Reading:

\rm ISaGRAF FAQ-113:

Linking an ISaGRAF PAC to TCP/IP Slave devices using the Modbus TCP Master Protocol. <u>ISaGRAF Web Page</u> > Download - <u>FAQ</u> > FAQ-113.

ISaGRAF Web Page:
<u>ICP DAS Web Site</u> > <u>Product > Solutions > Soft PLC, ISaGRAF & Soft-GRAF HMI > ISaGRAF</u>

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1.4. Solution

1.4.1. Reset the "Web Server TCP Port" to the default settings

If the TCP Port number is unknown or has been forgotten, the "<u>SetP80.exe</u>" application can be used to reset it to Port 80.

To reset the "Web Server TCP Port" to the default settings, follow the procedure described below. Step 1: Move the DIP switch to the "**Init**" position, and then reboot the ET-7000 module.



Step 2: Run the <u>MiniOS7 Utility</u> and connect to the ET-7000 module via a **UDP** connection.

Click the "Connection" button and select the "UDP" option from the drop-down menu, then type the IP address of the ET-7000 module and click the "OK" button.

Look in: C MiniOS7_U	Lock in: Disk A	- R
Name	Size Type No Name	Size Modified
🛅 bin	🚵 Connection	
🛅 FIRMWARE 🛅 OS_IMAGE	Connection History	
💁 7188eu.ini	UDP	
♥ icpdas Noad232.dll NiniOS7 Htilitu.chm	Serial Port 2. TCP/UDP	
MiniOS7_Utility.exe	Baud Rate: 115200 IP: 192.168.71.205	j
o uart.dll	Data Bit: 8 Port: 23	3.
unins000.aat	Parity: 0(None)	
🐻 unins001.exe	Stop Bit:	
<		
	OK 🐔 Cancel Help	

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		n nas de		lly established	
🔯 File 🌔 Connection 👻 🚸 Command 🛐 🤇	Configuration 📑 Tools	🥔 Help 🔻			
Look jn: 🛅 MiniOS7_Utility	💽 🧿 🥬 💌	Lo	ck in: Disk A	47,06	61 bytes availabl
Name Size	Туре	No	Name	Size	Modified 🔨
🚞 bin	File Folder	 0	acce_ip.htm	4,962	6/3/2013 11:5
EIRMWARE	File Folder	1	AC_OETags.js	8,068	11/30/2010 9: 📒
CS_IMAGE	File Folder	2	AnalogIO.js	12,500	12/21/2012 4:
💽 icpdas 1KB	Internet Shortcut	A 3	autoexec.bat	16	1/14/2014 10:
🔊 load232.dll 88KB	Application Extension	A	blank.gif	135	8/25/2002
RiniOS7_Utility 1,015KB	Compiled HTML Help	1 5	edit.htm	12,636	10/30/2013 2:
MiniOS7_Utility 2,544KB	Application	6	editot.htm	8,771	6/1/2013 4:54:
MiniOS7 Utility 1KB	Configuration Settings	1 7	ET7026.exe	119,940	1/13/2014 7:5
Si uart.dll 56KB	Application Extension	A 8	et7k.ipa	6.866	3/12/2009 9:3
🗟 unins000 10KB	DAT File	1 9	hmiai.htm	14,794	6/1/2013 8:08:
圮 unins000 675KB	Application	1 10	hmi ao htm	10.149	6/1/2013 8:25
	s ipproducti	1 11	hmi dihtm	10,140	6/1/2013 8:22
	<u> </u>				
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Look in: 🔂 Set_P80		Lo	ock in: Disk A	47,1	061 bytes availabl
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Look in: Set_P80 Name Size 7188eu IKB SetP80 SkB Upload & F5 Upload & Execute[RAM] Update MiniOS7 Image	Type Configuration Settings Application	Lo No 0 1 2 3 4 5	ock in: Disk A Name acce_ip.htm AC_OETags.js AnalogIO.js autoexec.bat blank.gif edit.htm	 47,1 Size 4,962 8,068 12,500 16 135 12,636 	061 bytes availabl Modified ▲ 6/3/2013 11:5 11/30/2010 9: 12/21/2012 4: 1/14/2014 10: 8/25/2002 10/30/2013 2:
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Look jn: Set_P80 Name Size 7188eu IKB SetP80 Upload F5 Upload & Execute[RAM] Update MiniOS7 Image DOS F11	Type Configuration Settings Application	La No 0 1 2 3 4 5 6 6 7 7 8 9 10 11 ET7K_UD	ock in: Disk A Name acce_ip.htm AC_OETags.js AnalogIO.js autoexec.bat blank.gif edit.htm editpt.htm ET7026.exe et7k.jpg hmi_ai.htm hmi_ao.htm hmi_di.htm	 47,1 Size 4,962 8,068 12,500 16 135 12,636 8,771 119,940 6,866 14,794 10,149 10,410 5 Port: 23 via UDP, 4 	Modified Modified 6/3/2013 11:5 11/30/2010 9: 12/21/2012 4: 1/14/2014 10: 8/25/2002 10/30/2013 2: 6/1/2013 4:54: 1/13/2014 7:5 3/12/2009 9:3 6/1/2013 8:08: 6/1/2013 8:25: 6/1/2013 8:25: 6/1/2013 8:25: 9 files(s) 344,555 bytes

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AutoRun:SetP80.exe	
Autodownload files:	None
0"	
[Begin Key Thread	.1

Step 4: Move the DIP switch to the "**Normal**" position, and then reboot the ET-7000 module.



Step 5: Open a web browser and type the IP address of the ET-7000 series module (e.g., 192.168.71.205) into the address bar, then enter the User name (Default: Admin) and Password (Default: Admin) in the login dialog box to access the web configuration page.

Authentication I	Required	×
The server http://1 password. The serv	92.168.71.205:80 requires a username and er says: PET-7026.	
User Name:	Admin	
Password:	****	
	Log In Cancel	1

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1.4.2. Reset the "IP Filter Settings" to the default settings

If the IP Filter Settings have been enabled and the valid range is unknown or has been forgotten, the "<u>setdef.exe</u>" application can be used to reset the range to the default settings (i.e., Disabled).

To reset the "IP Filter Settings" to the default settings, follow the procedure described below. Step 1: Move the DIP switch to the "**Init**" position, and then reboot the ET-7000 module.



Step 2: Run the <u>MiniOS7 Utility</u> and connect to the ET-7000 module via a **UDP** connection. Click the "Connection" button and select the "UDP" option from the drop-down menu, then type the IP address of the ET-7000 module and click the "OK" button.

Look in: hiniOS7_U		Lock in: Disk A	~	6
Name	Size Type	No Name	Size	Modifie
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	OK 🛴 🛛 Cano	cel	<u>H</u> elp	

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Autodow	n la	ad f:	iles	None												
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(128):1	92	[00]	168	EA8 1	71	[47]	200	EC8 1	192	[00]	168	E 8 8 1	71	[47]	1	[01]
(136):	1	[01]	Ø	[00]	Ø	[00]	Ø	[00]	Ø	[00]	Ø	[00]	Ø	[00]	Ø	[00]
(144):	N	[00]	<u>N</u>	[00]	<u>N</u>	[00]	<u>N</u>	[00]	<u>N</u>	[00]	<u>N</u>	[00]	<u>N</u>	[00]	<u>N</u>	[00]
(152)	N	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	N N	1001
(160):	N	1001	<u>N</u>	1001	N	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	N	1001	Ň	1001
(168):	N	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u></u>	1001
(176):	N	1001	<u>N</u>	1001	N	1001	<u>N</u>	1001	N N	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001
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(192):	N	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>N</u>	1001	<u>u</u>	1001
(200):	Ľ٧	1001	<u>u</u>	1001	<u>u</u>	1001	<u>u</u>	1001	<u>u</u>	1001	<u>u</u>	1001	<u>u</u>	1001	<u>u</u>	1001
(208):	Ø	[00]	0	[00]	0	[00]	0	[00]	_0	[00]	Ø	[00]	0	[00]	0	[00]
(216):	0	[00]	0	[00]	46	[2E]	1	[01]	87	[57]						

Step 4: Move the DIP switch to the "Normal" position, and then reboot the ET-7000 module.



Step 5: Open a web browser and type the IP address of the ET-7000 series module (e.g., 192.168.71.205) into the address bar, then enter the User name (Default: Admin) and Password (Default: Admin) in the login dialog box to access the web configuration page.

Authentication	Required	×
The server http:// password. The ser	192.168.71.205:80 requires a username and wer says: PET-7026.	
User Name: Password:	Admin *****	
	Log In Cancel]