

Quatech Device Installation

If the driver that comes on CD enclosed with the device is version 2.20, you can use it. If it is an older version, download and extract the recommended driver. We recommend the 2.0 (or higher) version of the Quatech driver for Windows 7. Here is a link to the latest "Beta" version posted on our website in a ZIP file.

http://www.sub-soft.com/download/beta.zip

Copy and paste this link into your browser, and it should download a file called "Beta.zip" and save it in your "Download" directory. Open that ZIP file and select the "Extract all" option to unzip the files into a regular (unzipped) folder called "Beta"

Using Windows Explorer, launch the file called qtewizard.exe from the unzipped Beta folder

Driver	8/2/2011 10:57 AM	File folder	
🔊 borindmm.dll	8/2/2011 10:57 AM	Application extens	25 KB
cc3250mt.dll	8/2/2011 10:56 AM	Application extens	1,462 KB
S CfgReg.dll	8/2/2011 10:56 AM	Application extens	81. KB
📄 history.txt	8/2/2011 10:56 AM	Text Document	4 KE
d qtetools.exe	8/2/2011 10:56 AM	Application	175 KE
😵 atewizard.chm	8/2/2011 10:56 AM	Compiled HTML	68 KE
🔍 qtewizard.exe	8/2/2011 10:56 AM	Application	627 KE
🗾 QTSetup64.exe	8/2/2011 10:56 AM	Application	220 KB
📄 readme.txt	8/2/2011 10:56 AM	Text Document	7 KB
vcl50.bpl	8/2/2011 10:56 AM	BPL File	1,976 KE
vclx50.bpl	8/2/2011 10:56 AM	BPL File	243 KE

At Welcome screen, click Next.



Quatech Serial Device Server Install Wizard	? 💌
Welcome! Welcome to the Quatech SDS Install Wizard.	QUATECH
This program will install and configure a new Quatech Serial Device Server (SDS).	
If you are not familiar with networking terminology, you may want to contact your IT department or specialist.	network configuration
Additional context sensitve help is available throughout this program by pressing the "F1" key or in the top right corner of this program and then clicking on the item for which assistance is needed	by clicking the "?" icon d.
You must run this wizard on each computer that will access the serial ports on the SDS.	
	Click Next to continue.
leip →	©∋ X Cancel

Click Next.



Quatech Serial Device Server Install Wizard	? 🗙
Prepare to Install Attach and power-up the SDS.	QUATECH
Locate your quick start guide. Follow the procedures shown for unpacking your new SDS and network.	connecting it to your
Attach the SDS at the desired installation location on your network using a standard Ethernet of	able.
If it is not possible to attach the SDS to the final location at this time, then configuration of the SI either attaching the SDS directly to your computers network interface card using the provided attaching the SDS to a hub on your local subnet using a standard Ethernet cable.	DS may be completed by cross-over cable, or by
Attach the power cable and wait for the "Status" or "POST" LED to illuminate before proceeding	ıg.
Click Next to	start the discovery process.
🗶 Help 🗸	xt∎c≠X

Click on the new device that shows up in the list. If you have more than one Quatech device, there will be several units on the list. You will need to determine which one is the new one by referring to the MAC address on the box. Click *Next*



	MAC Address	ID Addross	IPTupp	Description	
SSE-100	00:06:28:00:21:2C	192.168.2.240	Static	1 Port RS232	2.6.39
elect the Serial Dev	vice Server vou wish to in:	stall from the list above	L.		10 Potrus Coord
elect the Serial Dev	vice Server you wish to ins	stall from the list above	ų,		& Betry Searc

Choose "The SDS is attached to the location where it will be installed and used." Click Next



Quatech Serial Device Server Install Wizard	? 🗙
Where is the Serial Device Server attached? Specify where on the network the SDS is attached.	CUATECH A DIAG TECHNOLOGIES COMPANY
The wizard's search utility has successfully located the SDS. Is the SDS currently attached to the network at the final location from which the SDS and its serial	ports will be used, or
has the search utility located the SDS at a temporary location used for discovery and configuration.	on purposes?
The SDS is attached to the location where it will be installed and used.	
C The SDS is plugged into a temporary location for configuration purposes.	
	Click Next to continue.
	Cr Cancel

Click Next



uatech Serial Device Server In	stall Wizard	8
letwork Connect Check for proper IP add	ivity Test dress routing to the SDS.	QUATEC
The wizard will perform a If this test fails, you will be	n IP network connection test to verify c	ommunication between the SDS and this computer. issue.
🔗 Help 🗸		Click Next to start the IP Address Tes
ratech Serial Device Server In: CP/IP Network C Verify the network confi	tall Wizard onfiguration Parameters guration of the SDS.	
The IP connection test pe administrator. Use the Cł	ssed! Please verify the network confic ange Properties button to modify the c	uration of the SDS is acceptable with your network onfiguration if necessary.
Address Type:	Static Address	✓ Change Properties
IP Address:	192.168.002.240	
Subnet Mask:	255.255.255.000	
Default Gateway:	192.168.002.251	
		Click Next to accept the network configuration
🐴 Help 👻		



Click "Change Properties"

SDS - Internet Protocol (TCP/IP) Properties	
The SDS can have these settings assi server. Otherwise, ask your network ac	gned automatically if your network uses a DHCP dministrator for the appropriate values to enter below.
C Obtain an IP address automatica	ully from DHCP server.
IP Address:	192.168.002.240
Subnet Mask:	255.255.255.000
Default Gateway:	192.168.002.251
	Send Cancel

Click on "Use the following static IP address"

Fill in your IP configuration. Click *Send*, Click *OK* to restart then wait 45 seconds before Clicking OK to continue.

Verify corrected IP address is now showing, then click Next

PC-DNC FAQs
Making our customers' lives easier.

Quatech Serial Device Server Ins	tall Wizard	- ? - <mark>- ×</mark>
TCP/IP Network C Verify the network config	onfiguration Parameter guration of the SDS.	S QUATECH
The IP connection test pa administrator. Use the Ch	ssed! Please verify the network con ange Properties button to modify the	iguration of the SDS is acceptable with your network configuration if necessary.
Address Type:	Static Address	✓ Change Properties
IP Address:	192.168.002.240	
Subnet Mask:	255.255.255.000	
Default Gateway:	192.168.002.251	
		Click Next to accept the network configuration.
🤣 Help 🗸		€11 Back Next 10 X Cancel

Click OK to re-run the network connectivity test. Click on Next

Quatech Serial Device Server Install Wizard	? <mark>×</mark>
Install the Device Drivers. Create new SDS serial ports in Windows.	QUATECH
SSE-100 Single-Port RS-232 Serial Device Server	
The wizard is now ready to begin installation of the device drivers which allow the o SDS.	computer to use the serial ports on the
After the SDS device drivers are installed, Windows will automatically install the ne devices.	w serial ports as Plug-and-Play
Click Next	to start the driver Installation process.
🗶 Help 🗸 🔍	k Next 📭 🗡 Cancel

Click Next



Ouatech Serial Device Server Install Wizard	
Network Connectivity Test Check for proper IP address routing to the SDS.	
The wizard will perform an IP network connection test to verify com	munication between the SDS and this computer.
If this test fails, you will be presented with options to resolve the iss	ue.
	Click Next to start the IP Address Test.
	€ancel
Quatech Serial Device Server Install Wizard	8
Installation Complete!	CULATECH A DAG TERROLOUS COMPA
The new SDS has been successfully installed	
Use Device Manager to view or change SDS configuration param	eters, or to uninstall the SDS.
Device Manager can be accessed from the System icon in the Wi to open Device Manager now.	ndows Control Panel. You can also use the link below
Device Manager will display:	
* The Serial Device Server under "Multi-port serial ada * The Serial Device Server's individual serial ports und	pters" Ier "Ports (COM & Lpt)"
	Open Windows Device Manager

If you are installing a multiple port device, you will see activity in the lower right corner of your computer screen indicating each port being installed. When all Ports are configured, you will see an indicator that your device is ready to use.



After the device is installed, you will need to make some changes in the Device Manager. Access the Device Manager by right clicking on My Computer, select Properties/Hardware/Device Manager. Or Start/Control Panel/System/Hardware/Device Manager. Once you have the Device Manager open, open the Ports section (click on the + sign next to Ports if it is not already expanded).



You can now see the COM port numbers attached to each port on each hub (If you have more than one hub).

Double click on the Serial Device Server icon to get to the Properties page







2	SDS Configuratio	n Driver Details			
≥Q)	ESE-100 Eight-Port RS-232 Serial Device Server (192.168.2.234)				
	Device type:	Multi-port serial adapters			
	Manufacturer:	Quatech, Incorporated			
	Location:	Unknown			
I III YOU	are naving proble	ems with this device, click. I foubleshoot to			
start	the troubleshooter.	ms with this device, click I foubleshoot to			
Device	usage:	ms with this device, click I foubleshoot to	e F		

Select SDS Configuration tab, then click SDS Web Interface



Ľ				
Mode	t ESE-10 (192.16	U Eight-Port HS-232 S 8.2.234)	erial Device Serve	r.
MAC	Address: 00 : 0B	: 28 : 00 : 40 : E3		
	Network Configu	ration		
	IP Address:	192.168.00	12 . 234	
	Subnet Mask:	255 . 255 . 25	55 . 000	
	Default Gatewa	ay: 192.168.00)2 . 251	
	📕 Using DHC	P.		
	SDS Web Interface	Ping the SDS	Repair Configuration	

You will be taken to the device management console via Internet Explorer or your default browser.





Click on the *Serial Ports* tab. Under *3. Configure Operating Mode*, click *Low Latency*. Then *Save* changes. Do this for each port for multiple port boxes.

[] QUATECI	CONNECT WITH RELIABILIT
home کا network کا serie	al ports كا diagnostics كا admin
	SERIAL DEVICE SERVER
□Serial Port Setup ∷Serial Port Status	Serial Port Setup
QUATECH INC. 1.300.655.9000 : phane 1.800.555.1170 : tall free 1.300.655.9070 : sales fax sales@quatech.com : e-mail	Port 1 2. Select Operating Mode © Normal O Tunneling O RawTCP O Auto TCP O Raw UDP
	3. Configure Operating Mode Refe Multiplier Performance Selector Heart Beet Time Auto V Oblanced Duby Latency 45
freescale Enabled	4. Save Changes

You are now ready to input the COM port numbers into the PC-DNC software and start using your device.



If your device is wireless, this page shows the wireless settings

Wireless Mode

To use wired/wireless device in wireless mode (1 and 2 port wireless only) for models SSEW-100D and DSEW-100D. Access the Network tab. Under Wireless Setup, enter SSID (must match SSID assigned to Wireless Access Point for your network. Mark circle next to WPA-PSK passphrase. Click *Submit*. Unplug network cable. Reset device.

home 🗳 network 🗳 thrial po	ts M diagnostics	S M admin	
000000000000000000000000000000000000000	ERIAL DEVI	CE SERVER	
N	etwork Setup		
Network Setup SNMP Setup	LAN S	Getup	
DUATECH INC. 1.330.655.9000 : phone 1.800.553.1170 : hull free 1.330.655.5070 : sales fax iales@quatech.com : e-mail	•	Static IP Address Gateway Address Address Mask	192 .188 .0 .2 192 .188 .0 .1 255 .255 .0 .0
	0	DHCP	
		MAC Address	000B2800212C
-	Wirel	ess Setup	
1990 - Carlos Carlos (Carlos Carlos (Carlos Carlos		SSID	RYM
freescale -		Channel	00 * (0=Default)
		Access Mode	Infrastructure Ad hoc
	Wirel	ess Security	
	0	Open	
	6	WEP	
		Key Length	@ 64 bit © 128 bit
		Key Index	1 **
		WEP Keys (hex)	00 00 00 00 00
	۲	WPA-PSK	
		Passphrase	