Operation Guide WX1000 DAQWORX Installation & Operation Guide

vigilantplant[®]



IM WX1000-01E 9th Edition

Contents

Terms and Conditions of the Software License	.4
Foreword	.7
Checking the Contents of the Package	.8
CD Handling Guidelines	.9

Installation Guide

Overview of DAQWORX Installation	10
Installing the Software	11
Upgrading the Software	16
Modifying, Repairing, or Deleting Software	19
Viewing the User's Manual	23
List of User's Manuals	23
Opening a User's Manual	23

Operation Guide

Overview of DAQWORX	25
Introduction to Functions	26
DAQLOGGER	26
AddMulti	
GateWT	26
GateCONTROL	26
GateMX/MW	26
Flow Chart of Connections and Operation	27
Setting Up the Temperature Controller	29
Setting Up GateCONTROL	
Setting Up the WT1600	
Setting Up the Ethernet Interface (TCP/IP)	
Setting the User Name and the Password on WT1600	35
Setting Up GateWT	
Setting Up the MX100	
Executing GateMX/MW	
Acquiring Data from the Temperature Controller, WT1600, MX100 or R	ecorder on
DAQLOGGER	45
Logging and Saving Data Using AddMulti	

Appendix

Removing the Firewall	58
-----------------------	----

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Foreword

Thank you for purchasing DAQWORX. This guide covers the following topics.

- Installing and uninstalling DAQWORX.
- Examples of how to use DAQLOGGER to easily acquire data from Yokogawa Green series temperature controllers, the WT1600, and the MX100.

To ensure correct use, please read this manual thoroughly before beginning operation. After reading the manual, keep it in a convenient location for quick reference in the event a question arises. See the user's manuals for the individual DAQWORX software components for the functions and operating procedures of those products. After reading this manual, keep it in a convenient location for quick reference in the event a question arises.

Note

- The contents of this manual are subject to change without prior notice as a result of improvements in the software's performance and functions. Display contents illustrated in this manual may differ slightly from what actually appears on your screen.
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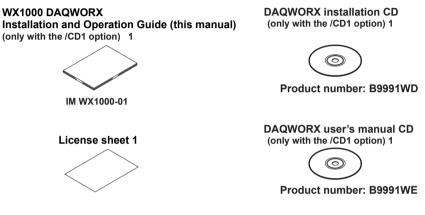
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Checking the Contents of the Package

Unpack the box and check the contents before operating the instrument. If some items are missing or otherwise inconsistent with the contents description, please contact your dealer or nearest Yokogawa representative.

Package Contents

The DAQWORX installation CD and user's manual CD are only included if the /CD option was specified at the time of purchase.



Storing the CDs

Please store your original CDs carefully. Install the products on your hard disk, and run the products from your hard disk during actual use.

CD Handling Guidelines

Make sure to take the following precautions.

CAUTION

- · Do not store the product near large amounts of refuse or dust.
- Do not touch the surface of the CD with no printed characters.
 Dirt or sweat from fingertips can damage the CD. Do not write anything on the CD.
- Pencil lead or residue from erasers can damage the CD.
- Do not bend or scratch the CD.
 - Doing so can cause it to become unreadable.
- Never place anything on top of the CD.
 Doing so can cause deformities that can render the CD useless.
- Do not drop the CD from high locations as doing so can cause damage or deformities.
- Do not place the CD in direct sunlight or near heat sources.
- Never allow solvents such as alcohol, benzene, or Freon to come into contact with the CD.
- Take care when placing the CD into the CD-ROM drive.
- While the CD is being accessed, do not remove the CD from the CD-ROM drive, cut the power to the PC, or reset the computer.
- Store the CD in its original jewel case.
 Do not leave the CD in the CD-ROM drive after use. It can become deformed or damaged unless it is kept in its case.

Overview of DAQWORX Installation

The DAQWORX installer lets you do the following:

- Install the software
- · Add or delete software
- · Modify or repair a previous software installation
- Install software upgrades

It is recommended that you uninstall any previously installed DAQWORX components before reinstalling. During installation, only the applications that you specify are installed in the DAQWORX folder.

The DAQWORX folder can be installed in any location, but changing the structure of the DAQWORX subdirectories may cause problems when adding, upgrading, or deleting components.

When using Windows Vista, the software will not function normally if installed in a subfolder of the Program Files folder. Also, when using Windows XP or Windows 2000, please do not upgrade to Windows Vista if the DAQWORX software is installed in a subfolder of the Program Files folder.

Your license numbers are recorded on the license sheet. Refer the numbers you purchased when adding or changing software. Please keep your license numbers in a safe place.

Note-

Following message is shown when installer used in previous installation doesn't support OS language.

"The language between OS and installer is different. If you continue installation, language used in software is not changed. If you want to adapt these language, please uninstall software and install this software again."

In order to adapt language of software to OS, please uninstall any previously installed DAQWORX components and install again, otherwise language of software is not changed.

Installing the Software

One or more license numbers is required during installation. Please have your license numbers ready before beginning. Your license numbers are recorded on the license sheet.

1. Place the DAQWORX installation CD in the CD-ROM drive.

The installer starts. However it will not start if your CD-ROM'S Autoplay function is turned OFF. In that case, double-click the CD-ROM icon under My Computer, then double-click the Setup.exe program.

DAQWORX Setup		×
	Welcome to the InstallShield Wizard for DAQWORX	
	The InstallShield® Wizard will install DAQWORX on your computer. To continue, click Next.	
	< Back Next > Cancel	

2. Click Next.

The License Agreement dialog box is displayed.

QWORX Setup		
icense Agreement Please read the following license agreement ca	arefully.	
Terms and Conditions of the Software License NOTICE - PLEASE READ CAREFULLY BETC Thank you very much for purchasing this med related documentation provided by Yokogawa "Yokogawa"), and the program contained, em (hereinafter called the "Yokogawa Software Program, Iully agree to the "Terms and Conditions of the "Terms and Conditions") which is written in the Accordingly, the Terms and Conditions of its relat copyright shall remain the exclusive property o	PRE USE I um containing a software program and a Electric Corporation (hereinafter called bedded, inserted or used in the medium togram"). you acknowledge that you understand and Software License" (hereinafter called a documentation and separately attached. bu. ted documentation including ownership of	
C I accept the terms of the license agreemen	t	
I do not accept the terms of the license agr	reement	
	reement	

- After reading the entire contents of the license agreement, click I accept the terms of the license agreement or I do not accept the terms of the license agreement.
- If You Click "I do not accept the terms of the license agreement"
 - 4. Click Cancel to end the installation. You may not install the software.

If You Click "I accept the terms of the license agreement"

4. Click Next.

The user information dialog box is displayed.

DAQWORX Setup	×
Customer Information Please enter your information.	
Please enter your name and the name of the company for which you work.	
User Name:	
I	
Company Name:	
InstallShield	
< Back Next>	Cancel

5. Enter the user name and company name.

Note

The user name and company name entered here can be confirmed along with the version information when choosing **Help > About** in any DAQWORX software application.

6. Click Next.

The Choose Destination Location window is displayed.

DAQWORX Setup	×
Choose Destination Location Select folder where setup will install files.	22
Install DAQWORX to: C:\DAQWORX	Change
InstallShield	< Back Next > Cancel

- 7. Confirm that you accept the default installation destination. To change the installation destination, click Browse and select a new destination using the browser. When using Windows Vista, please do not install the software in a subfolder of the Program Files folder. If installed within the Program Files folder, the software will not function normally.
- 8. Click Next.

The Base software installation screen is displayed.

DAQWORX Setup	×
"Base software" installation. Please input the license number of "Base software" to install.	No.
DAQLOGGER	· -
	· [
DataBrowser	
InstallShieldExecuteKBackNext	Cancel

- 9. Enter the license numbers for the applications you wish to install.
- 10. Click Next.

The Add software installation screen is displayed.

DAQWORX Setup	×
"Add software" installation. Please input the license number of "Add software" to install.	
AddDuserver	·
AddTrigger AddTri	
DAQ32Plus Client	
InstallShieldExecuteKBackNex	xt> Cancel

11. Enter the license numbers for the applications you wish to install. If you are not installing any Add software, leave the boxes blank and continue on to the next step.

12. Click Next.

The license number entry screen for Gate software is displayed.

DAQWORX Setup	×
"Gate software" installation. Please input the license number of "Gate software".	24
Gate Gate Gate Gate Gate Gate Gate Gate	
InstallShield	
< Back Next	> Cancel

- **13.** Enter license numbers for only the number of applications you wish to use. If you are not installing any Gate software, leave the boxes blank and continue on to the next step.
- 14. Click Next.

The Gate software selection screen is displayed. If no license numbers were entered in step 13, this screen is not displayed.

DAQWORX Setup	×
"Gate software" installation. Please choose the "Gate software" to install.	
Gate GateOPC	GateMODBUS
Gate GateWT	Gate GateDXP
Gate GateEye	GateMX/MW
InstallShield	
Instanomeru -	<back next=""> Cancel</back>
DAQWORX Setup	×
"Gate software" installation. Please choose the "Gate software" to install.	
Gate GateCONTROL	Gate mR

15. Select the check boxes of the Gate software applications you wish to install.

16. Click Next.

The installation confirmation screen appears.

DAQWORX Setup		×
Installation start.		No.
The following software will be installed.The but you need change is clicked.When the present "Next" button is clicked.		
Current Settings:		
The following software Will be installed. "Base software" installation.: DAQLOGGER DAQ32Plus MXLOGGER DAQEXPLORER		<u> </u>
"Add software" installation.: Add0bserver AddMulti		-
T		Þ
InstallShield		
	< Back Next >	Cancel

17. Click Next.

The installation begins.

When installation is complete, the Finish dialog box appears.

DAQWORX Setup	
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed DAQWORX. Click Finish to exit the wizard.
	< Back Finish Cancel

18. Click Finish.

The dialog box closes.

Upgrading the Software

To upgrade the software, you must have a separate license number for the upgrade version as well as the license number for the older version.

1. Carry out steps 1 to 7 in "Installing the Software" (page 11–13).

If an earlier version of DAQWORX is installed, the windows below is displayed.

If an earlier version of the software is not installed, continue on to step 3.

DAQWORX Setup		
"Base software" installation. Please input the license number of "E	Base software'' to install.	
DAQLOGGER 1000 - 0000 - 00000	✓ Delete ✓	
MXLOGGER 1000000 1111 • 11111 • 11111	Delete DAQ DAQ	DAQEXPLORER 1444 - 4444 - 44444
DataBrowser	Delete	
InstallShield	Execute	<back next=""></back>

2. Click Next.

Any free upgrades that are available will be automatically installed.

3. Enter the upgrade license number.

DAQWORX Setup	×
"Base software" installation. Please input the license number of "Base software" to install.	
DAQLOGGER	· [· [
MXLOGGER LOGGER · · · · · · · · · · · · · · · · · · ·	· ·
DataBrowser	
InstallShield Execute CBack Ne	xt> Cancel

4. Click Next.

When a License Number for a Previous Version Exists

The license number entry screen for Add software is displayed. Go to step 5.

When a License Number for a Previous Version Does Not Exist

A screen such as the one below is displayed.

DAQWORX Setup	×
"Base software" installation. Please input the old license number of "Base software" to install.	
DAQLOGGER LOGGEH 	·
	· · · · · · · · · · · · · · · · · · ·
Data DataBrowser	
InstallShield	
<u>Execute</u> < <u>B</u> ack <u>N</u> ex	t> <u>C</u> ancel

5. Enter the old license number.

If the old license number is a 3-numeric block combination, enter the old license number in the box leaving the second block blank.

6. Click Next.

The Add software installation screen is displayed.

DAQWORX Setup	×
"Add software" installation. Please input the license number of "Add software" to install.	4
AddObserver	AddMulti
AddTrigger	
DAQ32Plus Client	
InstallShield	<back next=""> Cancel</back>

7. Enter the upgrade license number.

8. Click Next.

When a License Number for a Previous Version Exists

The installation screen for Gate software is displayed.

Go to step 10.

When a License Number for a Previous Version Does Not Exist

A screen such as the one below is displayed.

DAQWORX Setup	×
"Add software" installation. Please input the old license number of "Add software" to install.	No.
AddDbserver	·
AddTrigger	
DAQ32Plus Client Clie	
Execute Sack New	<⊳ <u>C</u> ancel

9. Enter the old license number.

If the old license number is a 3-numeric block combination, enter the old license number in the box leaving the second block blank.

10. Click Next.

The installation screen for Gate software is displayed.

DAQWORX Setup	×
"Gate software" installation. Please input the license number of "Gate software".	
Gate Gate Gate Gate Gate Gate Gate Gate	
InstallShield	·
< Back Next	Cancel

11. Perform steps 16 through 18 under "Installing the Software" on pages 15.

Modifying, Repairing, or Deleting Software

To modify, repair, or delete software, enter maintenance mode

by performing the following procedure.

- Rerun the DAQWORX installation CD.
- Select Change or Delete under Add/Remove Programs.
 - **1.** The program enters maintenance mode.

The Welcome dialog box opens.

DAQWORX Setu	p X
₩elcome Modify, repai	r, or remove the program.
	the DAQWORX Setup Maintenance program. This program lets you modify the lation. Click one of the options below.
Modify	Select new program components to add or select currently installed components to remove.
C Repair	Reinstall all program components installed by the previous setup.
C Remove	Remove all installed components.
	< Back Next > Cancel

- 2. Select Modify, Repair, or Delete.
 - Modify: Select when adding software that was not purchased originally, deleting individual software applications that you no longer need, or performing a free/fee-based upgrade.
 - Repair: Select to use a program on the CD to overwrite executable files CD that may have become corrupt or deleted from the hard disk accidentally after installation.
 - Delete: Select to uninstall DAQWORX.

3. Click Next.

The Base software dialog box opens.

Note-

The license numbers of the installed applications are displayed.

AQWORX Setup			
"Base software" installation. Please input the license number of	"Base software" to i	nstall.	22
DAQLOGGER	Delete	DAQ32Plus 32Plus 222 · 2222 · 2	Delete 22222 22222
MXLOGGER 10000000 1111 • 11111 • 1111	Delete	DAQEXPLORER 444 - 4444 -	✓ Delete 44444 - 44444
Data DataBrowser	Delete		
stallShield	Exec	ute <back next<="" td=""><td>> Cancel</td></back>	> Cancel

4. Enter the license numbers of applications to be added or upgraded, and select the check boxes of any applications that you wish to delete.

Delete: Uninstall applications that have been previously installed.

5. Click Next.

When Entering Upgrade License Numbers

· When a License Number for a Previous Version Exists

The license number entry dialog box for Add software is displayed. Go to step 8.

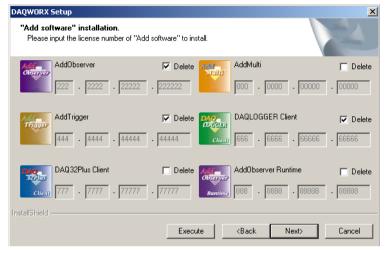
 When a License Number for a Previous Version Does Not Exist A screen such as the one below is displayed

1 JUICOIL	50011 05		is dispid	yeu.
	tuo			

DAQWORX Setup	×
"Base software" installation. Please input the old license number of "Base software" to install.	
DAQLOGGER	·
	·
DataBrowser	
Execute Keack New	t> <u>C</u> ancel

- 6. Enter the old license number.
- 7. Click Next.

The license number entry dialog box for Add software is displayed.



Note

The license numbers of the installed applications are displayed.

8. Enter the license numbers of applications to be added or upgraded, and select the check boxes of any applications that you wish to delete.

When Entering Upgrade License Numbers

• When a License Number for a Previous Version Exists

The license number entry dialog box for Gate software is displayed. Go to step 11.

When a License Number for a Previous Version Does Not Exist

A screen such as the one below is displayed.

DAQWORX Setup	×
"Add software" installation. Please input the old license number of "Add software" to install.	
AddDbserver	·
AddTrigger AddTri	·
DAQ32Plus Client Citizen AddObserver Runtime Add	·
Instalionielo	Cancel

9. Enter the old license number.

10. Click Next.

The license number entry dialog box for Gate software is displayed.

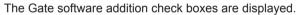
DAQWORX Setup	×
"Gate software" installation. Please input the license number of "Gate software".	
Gate Gate Gate Gate Gate Gate	
Delete 933 - 9399 - 93999 - 93999	
🗖 Delete	
InstallShield	
< Back Next	> Cancel

11. If you have new license numbers to add, enter them in the boxes. If you wish to delete licenses, select the appropriate Delete check boxes.

Note

The license numbers of the installed applications are displayed and can be edited.

12. Click Next.



DAQWORX Setup	×
"Gate software" installation. Please choose the "Gate software" to install.	A
GateOPC	Gate GateMODBUS
Gate GateWT	Gate GateDXP
Gate GateEye	GateMX/MW
InstallShield	
แนสของเอโต	<back next=""> Cancel</back>
DAQWORX Setup	X
"Gate software" installation. Please choose the "Gate software" to install.	124
Gate	Gate mR

- 13. Select the Gate software applications you wish to add.
- 14. Perform steps 13 through 18 under "Installing the Software" on page 14 and 15.

Viewing the User's Manual

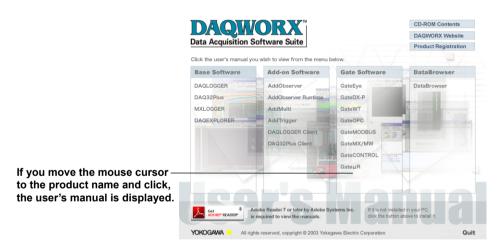
List of User's Manuals

The DAQWORX user's manual CD contains the following manuals in PDF format. Please read the appropriate manuals for the applications you plan to use.

Base Software	Add-on software	Gate Software
DAQLOGGER	AddObserver	GateEye
DAQ32Plus	AddMulti	GateWT
MXLOGGER	AddTrigger	GateDX-P
DAQEXPLORER	DAQLOGGER Client	GateOPC
	DAQ32Plus Client	GateMODBUS
	AddObserver Runtime	GateMX/MW
		GateCONTROL
		Gate µR
DataBrowser (file s	earching and waveform comp	arison software)

Opening a User's Manual

 Insert the DAQWORX User's Manual CD into the CD-ROM drive. If using Windows 2000 or Windows XP, the user's manual selection screen opens. However, if the auto-play feature of the CD-ROM drive is turned OFF, the user's manual selection screen will not open automatically. In this case, double-click the CD-ROM icon under My Computer.



When using Windows Vista, the following screen appears. Click **Run startup.exe.** The user's manual selection screen opens.

AutoPlay
DVD Drive (H:) DAQWORX
Always do this for software and games:
Install or run program
Published by InstallShield Software Corpora
General options
Open folder to view files using Windows Explorer
Set AutoPlay defaults in Control Panel

2. Double-click the name of the manual you wish to use. The selected user's manual is displayed.

Note _____

To display a user's manual, Adobe Acrobat Reader 7.0 or later must be installed on your
PC. If Acrobat is not installed, click the 🧏 Get READER [*] button to install it.

3. Click OK.

The dialog box closes.

Overview of DAQWORX

DAQWORX allows users to assemble a data acquisition system using Yokogawa recorders, data loggers, the temperature controllers, measuring instruments without the need for programming. For adding functionality, DAQWORX offers an integrated data acquisition software system, allowing customers to connect high added-value software to their existing data acquisition systems to easily expand the range of supported applications.

DAQWORX consists of three software component groups plus the DataBrowser software program. Users can construct data acquisitions systems that are ideal for their specific application by combining various software packages from the lineup of each of the components.

1. Data Acquisition Component Group: Base Software

The "Base" software components require neither technical expertise nor programming, enabling easy setup of various kinds of data acquisition hardware, a rapid system setup time, and easy settings for analysis of data.

2. High Added-Value Component Group: Add-on Software

"Add" components can be added to Base components to construct a high added-value data acquisition system. Add software includes applications for customized and network-based remote monitoring, data acquisition and saving by group, and monitoring of measured data for triggered data acquisition.

3. Interface Component Group: Gate Software

"Gate" applications let you easily connect not only to data loggers, but also power measuring instruments, industrial instrumentation, data via OPC servers, and images from network cameras-all without programming.

4. DataBrowser Software

DataBrowser performs searches of data files saved by data acquisition units such as DAQSTATION and data acquisition software programs such as DAQLOGGER, DAQEXPLORER, and MXLOGGER, allowing you to display and compare any found waveforms on a single screen.

The next section describes how common components from each group are typically connected.

Introduction to Functions

The following sections provide a brief explanation of how GateMODBUS can be used to acquire data from the UT351 temperature controller on DAQLOGGER, how GateWT can be used to acquire measured data from Yokogawa's WT1600 on DAQLOGGER, how GateMX/MW can be used to acquire measured data from Yokogawa's MX100 Data Acquisition Unit, how measured data from Yokogawa recorders can be acquired on DAQLOGGER, and how AddMulti software can be used to acquire and save data on DAQLOGGER on a group-by-group basis.

DAQLOGGER

DAQLOGGER acquires measured or calculated data from recorders connected to other recorders or PCs. Also, Gate software* (GateWT, GateMODBUS, GateMX/ MW etc.) can be connected allowing data acquisition from measuring instruments including digital power meters (such as the WT1600), Modbus devices (such as Yokogawa's UT351/UT551 temperature controllers), and data acquisition units (such as the MX100).

* The devices that can be connected differ depending on the Gate software installed.

AddMulti

AddMulti is a software program that allows you to connect data acquisition software such as DAQLOGGER and simultaneously perform acquisitions under different logging conditions. This function is called multilogging. For example, data acquired from the WT1600 Digital Power Meter, data from a Modbus device (the UT351 temperature controller), and data from recorders can be divided into several groups on DAQLOGGER, then each group can be logged and saved to a designated folder at a specified timing. You can also mix data from the WT1600, Modbus device (UT351), and recorders in a single group.

GateWT

GateWT is a software program that acquires data from WT series instruments and transfers it to DAQLOGGER.

GateCONTROL

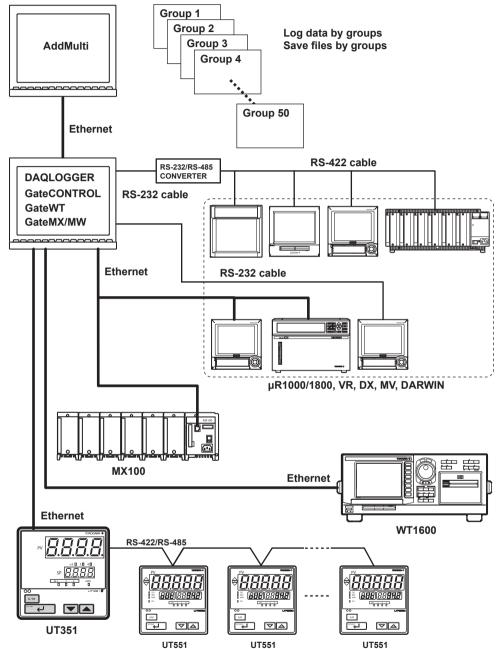
GateCONTROL is a software program that acquires data from temperature controllers and signal converters that support data output via the Modbus/RTU and Modbus/TCP protocols, and transfers the data to DAQLOGGER.

GateMX/MW

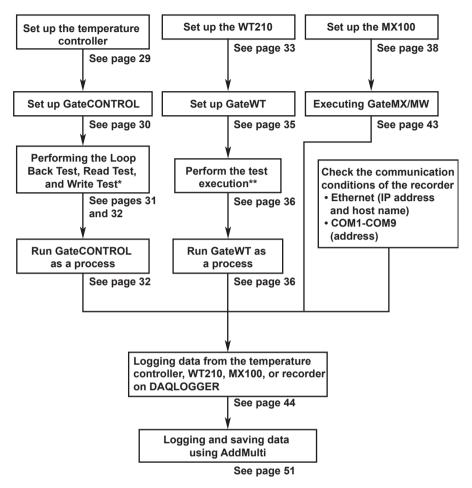
GateMX/MW is a software program that monitors measured data from MX100 data acquisition units and transfers it to DAQLOGGER or remote monitors.

Flow Chart of Connections and Operation

The following is an example configuration for DAQWORX.



The flow of procedures described in this operation guide is shown below. This flow assumes that all connections have been made.



* GateCONTROL Loop Back Test, Read Test, and Write Test

GateCONTROL allows you to perform loop back tests on any temperature controllers connected to it.

If the loop back test results in anything other than OK, it may indicate a problem in the wiring of the communication cable, or a mismatched baud rate, parity, or Modbus address.

Also, by performing a test acquisition you can determine whether the data set for each tag is correct.

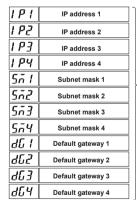
** GateWT Test Execution

During GateWT's test acquisition, data is read from WT output channels assigned to each tag and displayed as digital values. This allows you to determine whether the communication settings for each tag are correct.

Setting Up the Temperature Controller

Connect the Yokogawa's UT351 temperature controller. Enter settings on the UT350E as follows:

- 1. Hold down SET/ENT for three seconds or more to display **a**P.P.R.
- 2. Use ▲ or ▼ to display 5LUP.
- 3. Press SET/ENT once to display Pud.
- 4. Press SET/ENT once to display FUnE.
- 5 Press SET/ENT repeatedly (about twenty times) to display *I P I* .
- **6.** Use \mathbf{A} or $\mathbf{\nabla}$ to enter the IP address.
- 7. Press SET/ENT to save the settings.
- **8.** Repeat steps 6 and 7 to enter IP addresses 2–4, subnet masks 1–4, and default gateways 1–4.



Setting the IP a	ddress, Subnet mask, and Default gateway
	0 to 255 0 to 255 0 to 255 0 to 255
IP address	IP1 • IP2 • IP3 • IP4
Subnet mask	SM1 SM2 SM3 SM4
Default gateway	DG1 DG2 DG3 DG4

- **9.** Press **SET/ENT** to display $E S_{-}^{U}$ (Ethernet setting switch).
- 10. Use ▲ or ▼ to enter 1.

After setting $E S_{-}^{U}$ to **1**, it automatically reverts to **0**.

11. Hold down SET/ENT for three seconds or more for numerical display.

Setting Up GateCONTROL

Setting Up GateCONTROL

1. Enter the communication method and address settings as follows:

Communication method : Ether Host name : IP add Modbus address : Unkno

IP address set on the temperature controller Unknown

Gate	Control												_ 🗆 ×
le Co	ommunication M		View Help										
	🛛 🖬 🗏 '	8											
Model	Serial Setti	ing	Scan Interval Setting		Monitor/Stat	us]						
No.	Model		Controller Mode		Contro	il Outp	out	Option		Taulata	Comm.	Address	Status
NO.	Model		Controller Mode		Loop 1		Loop 2	Option		Tag Info.	Comm.	Address	Status
01	UT351	*	Single	۰	Normal 🗾					Detail Info.		localhost,01	
02	Not Connected										Ether COM1	- <u> </u>	
03	Not Connected										COM2		
04	Not Connected					-			-		COM3 COM4		
05	Not Connected	•							-		COM5	-	
			1					Clic	k :	and se	lect F	thernet	
			Ļ							he me			
			,					non		ne me	nu		
	I	nput A	ldress - Model01			Ĩ	×			(Click	to display	the Input
							_					ss dialog	
		Ethe					1				laaro	ee alaleg	box
		IP	Address or Host Name										
		Ic	icalhost	_				- Entor	- +1	ho ID a	ddrog	s set on f	the
													lile
		Po	rt No. 502					temp	er	ature	contro	blier	
		Mod	ous				1						
		Mr	dbus Address 01	_	•								
			,		_								
							1						
			ок		Cance	91							

Click to display the Input Address dialog box

Enter the IP address set on the temperature controller

2. Enter settings in the Acquisition Settings tab. Enter the scan interval from the UT351, the timeout time, and number of retries.

🙀 GateControl								
File Communication Monitor	View Help							
Model Serial Setting	Scan Interval Setting							
Scan Interval	5000 msec							
Access timeout	1000 msec							
Number of retry 3	▼ times							

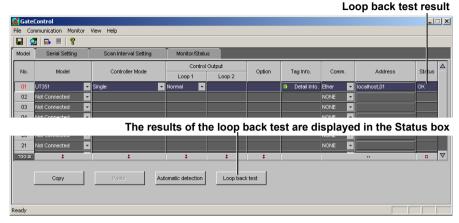
- **3.** Select number 01 in the Model Settings page.
- 4. Click the automatic model determination button.

The UT351's control mode, control output, and option functions are displayed.

Performing the Loop Back Test

5. Click the Loop Back Test button in the Model Settings page.

The results of the loop back test are displayed in the Status box.



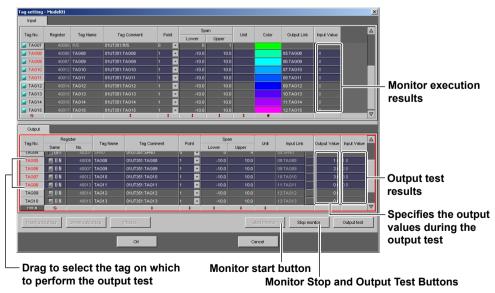
Performing a Read Test

Click the Detail Settings button in the Model Settings tab page of the model 6. on which you wish to perform the read test.

The Tag Setting dialog box opens.

🙀 Gate	Control										
File Communication Monitor View Help											
	2 🖬 🔳										
Model	Serial Setting	Scan Interval Setting	Monitor/Statu	IS							
No.	Model	Controller Mode	Control Out		Option Tag Info.		Comm.		Address	Status 🛆	
NO.	moder	Controller Mode	Loop 1	Loop 2	option	rag into.		Comm.		Address	Status
01	UT351 🗾	Single 🗾	Normal 🗾				Detail Info.	Ether	•	localhost,01	ок
02	Not Connected 📃 💌							NONE	Ŧ		

Click to display the Tag Settings dialog box



7. Click the Start monitor button.

The value of each tag from the instrument is loaded, and displayed in the loaded value column of the input tab sheet.

To quit monitor execution, proceed to step 11.

Performing a Write Test

- **8.** Specify the Output Values of the tags on which you wish to perform the output test in the output tab page.
- 9. Select the tags on which to perform the output test
- 10. Click the Output Test button during the Read Test.

The output values are written to registers, then the values are acquired from the write registers and the loaded results are displayed in the loaded value column in the output tab page.

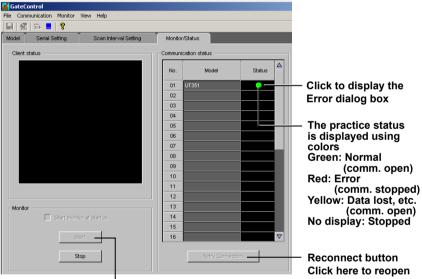
Stopping the Read Test

11. Click the Stop monitor button.

The Monitor Test/Read Test is concluded.

Launching GateCONTROL

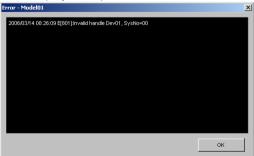
12. Click the Start button in the Acquisition/Status tab.



Start button

Reconnect button Click here to reopen communications with the selected instruments

Error display example



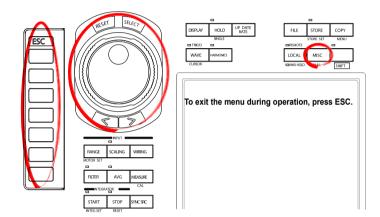
Setting Up the WT1600

Setting Up the Ethernet Interface (TCP/IP)

With DHCP, the IP address, subnet mask, default gateway, and DNS are automatically configured.

Note-

- The IP address, subnet mask, default gateway, and DNS can be automatically specified by using DHCP.
- To use DHCP, the network must have a DHCP server.
- Consult your network administrator to see if DHCP can be used.
- If you use DHCP, a different IP address may be assigned every time the WT1600 is powered up. You must be careful when using the FTP server function of the WT1600.

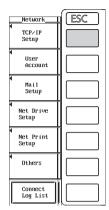


- 1. Press MISC to display the Misc menu.
- 2. Press the Next 1/2 soft key to display the Next 2/2 menu.
- 3. Press the Network soft key to display the Network menu.

Misc	[ESC]
Information	
Initialize Settings	
¶ Communication	
¶ Date∕Time	
◀ Config	
Selftest	
Next 1/2	

Misc	ESC
Graph Color	
Text Color	
SCSI Setting	
◀ Network	
∎ D∕A Output Items	
Next 2/2	

4. Press the TCP/IP Setup soft key to display the TCP/IP Setup dialog box.



- 5. Turn the jog shuttle to select DHCP.
- 6. Press SELECT to select ON.
- 7. Turn the jog shuttle to select DNS.
- 8. Press SELECT to display the DNS selection box.
- 9. Turn the jog shuttle to select OFF.

TCP/IP Setup	
DHCP OFF DN	
IP Address	0.0.0.0
Net Mask	255.255.255.0
Gate Way	0.0.0.0
DNSOFF	

Note

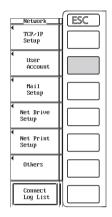
If you changed settings related to the Ethernet network, the WT1600 must be power cycled.

Setting the User Name and the Password on WT1600

Entering the User Name and Password of the WT1600

Set the user name and password of the WT1600 on GateWT also.

- **1.** The procedure is the same as steps 1 through 3 of "Setting Up the Ethernet Interface (TCP/IP)."
- 2. Press the User Account soft key to display the User Account dialog box.



Setting the User Name

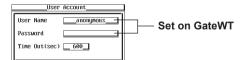
- 3. Turn the jog shuttle to select User Name.
- 4. Press SELECT to display the keyboard.
- 5. Use the keyboard to enter the user name.

When not restricting the access, specify anonymous. If you specify anonymous, you do not have to set the password.

Setting the Password

(If you set user name to anonymous in step 5, you do not have to set the password.)

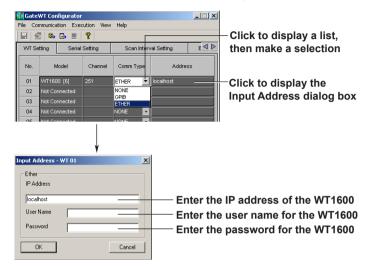
- 6. Turn the jog shuttle to select Password.
- 7. Press SELECT to display the keyboard.
- 8. Use the keyboard to enter the password.



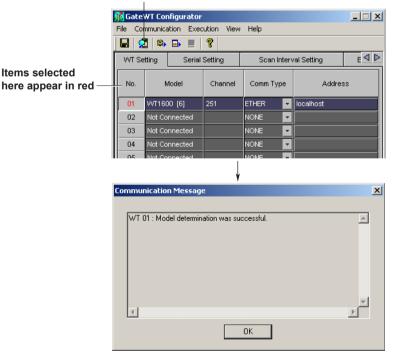
Setting Up GateWT

 Enter the following settings on the WT Setting tab. Communication type : ETHER

Address : The IP address, user name, and password set on the WT1600.



2. Select number 01 (causing the number to turn red) then click the Automatic Model Determination button.



Automatic model determination button

3. Enter the following settings on the Scan Interval Setting tab.

Scan interval : 1000 msec Retries : ON Retry interval : 30 sec

🞇 Gate	WT Cor	nfigurator						_ 🗆 X
File Co	mmunica	ation Execu	te View	/ Help				
	. K),		?					
VVT Se	tting	Serial S	etting	Scan Interval	Setti	ing	Port Setting	
bl-		Model					Retry	
No.		Model	3	can Interval(msec)		USE	Interval(sec)
01	VVT210			1000		ON	30	
02	Not Cor	nnected		1000		ON		30
03	Not Cor	nnected		1000		ON		30

Performing the Test Execution

- **4.** Double-click number 01 on the WT Settings tab to display the Tag Setting dialog box.
- 5. Click the Test Execute button. The test result appears in the Value column.

👬 Gate	WT Cor	nfigurator					_ 🗆 ×
File Co	mmunica	ation Exec	ution View	Help			
	. 8,	•	?				
WT Se	tting	Serial	Setting	Scan Ir	nterv	al Setting	E ◀ Þ
No.	N	lodel	Channel	Comm Typ	e	Addres	15
01	VVT160	10 [6]	251	ETHER		localhost	
02	Not Co	nnected		NONE			
							1

Double-click

Element1	Element2	Element3	Element	Element5	Element6	Sigm	IRA S	igmaB	SigmaC	OTHER	Motor		
Tag No.	Out Put Ch	annal Nama	Dec Pos		Span		Unit		Ten	Name		Color	Value
Tug No.	ourrecon	annonvanio	000103	Lower	Lower Upper				rug	Nume		Color	
TAG01	E1:URMS		3		00 10	.000	TG01[E1:URMS]						3.167
TAG02	E1:UMN		3	-10.0	00 10	.000		TG	D2[E1:UMN]				2.239
TAGOS	E1-LIDC		3	- 10.0	00 10	000		TO	D3/E1-LIDC1				0 502
18023	L1.VVIII		· •	-10.0	00 10	.000		10.	ະວຸປະ າ. ຈາກ ທາງ				1.301
TAG24	E1:VVHM		3	-10.0	00 10	.000		TG:	24[E1:WHM]				3.110
TAG25	E1:AH		3	-10.0	00 10	.000		TG:	25[E1:AH]				2.439
TAG26	E1:AHP		3 🛉	-10.0	-10.000 10.000 TG26[E1:AHP]			0.355					
TAG27	E1:AHM		3 🖌	-10.0	00 10	.000		TG	27[E1:AHM]				V.963
6		t.	1	Į Į	1		Ţ			÷		M	
ок		Cancel	Test St	Luci Te	st Stop .								
ON		Jancer	Test St		st Stop								
					Click t	o st	op t	he t	test e	xecut	tion		
1		Oliale	4 4-	rt the te	- 4		-			Tee	tovo		n resu

Running as a Process

6. After clicking the Test Execute button, click the tag numbers for execution as a process or service to turn them ON (displayed in blue), then click the OK button.

Click the Process execution button or perform the following operation in the Execution/Status tab.
 Execution Type : select Process
 Click the Start button

	Process execution		en the process is run, cess appears
	👫 GateWT Configurator		
	File Communication Execu		
		?	
	Scan Interval Setting	Execution/Status	
	Execution	Status ———	
	Туре ———	Execution Status Stop	>
Click to select -	Process	Client Host Name	
	O Service		
Click to start –	Start		
	Stop		
The practice status		-0	
is displayed using			
colors			
Green: Normal	Ready		
Gray: Stopped Blinking red: Error			

Setting Up the MX100

We assume that the CF card is installed in the MX100.

Connecting the MX100 Standard Software and the MX100

1. Click the Search button on the Connection screen of the MX100 Standard Software. An icon indicating the MX100 is displayed.

	MX100 Standard		
	File Edit View Acquisition Action Help		
	🗅 🚅 🖬 🕺 🖻 🛍 🔍 💡		
	0 00:00:00		lay - Channel Acquisition System Connection 🔝
	Connection		
	MX MX		
	IP Address, or Host Name	Connect	Disconnect
	MX100s nearby		
Click here —	Search		Edit network setup.
			Please choose an MX from the search results.
			Connect
	L		
	Ready	0 🗟	2008/02/15 12:52:16

2. Select the MX100 icon and then click the Connect button in the box containing the Edit Network setup button. The Monitor screen opens.

	splay Channel Aaqa	ailan (Bystan) Connectic
Connection MX P Address, or Host Name Connect	Disconnect	
Mx100s neety Search Image: Signal and	IP Address : Subnet Mask : Default Gateway : Model: Version : Serial No. : Options:	Edit network setup. MK100-No1 MK100 NS 301 SS Connect
dy 0 5	3	⇒ 2008/02/15 12 52 40

Configuring the System

3. Click System. Then, configure and confirm the system on the System screen.

Unit Setup

Response check: Click the Check button and confirm that the MX100' s 7-segment LED displays --CALL--.

Module Arrangement

Click Receive current configuration on the Actual Configuration tab.

Compact Flash information

Status: Check that it is Exists(Usable)

i → 100:00	X B B 🔍 💡		Monitor Display Channel	Acquisition System Connect
∕ster	n		wondor Display Criainnei	Acquisition System Connec
Unit Seti	Model	MX100	Module Arrangement	Actual Configuration
	Version Serial No.	R 3.01	Re	configure based on actual cor
	Option Temperature Unit A/D Integration Time	/DS C V	1 MX1	10-UNV-H04 10-UNV-M10
	Response Check	Execute	E MX1	15-D24-H10 20-PV/M-M08 12-B35-M04
	Information Machine Name		E MX1	25-MKC-M10
	Macrinie Name IP Address Subnet Mask Default Gateway Port No. MAC Address		Compact Flash information Status MAX Size Free Area Write Mode Format	Update Exists(Usable) 488 MByte 484 MByte V Cyclic Mode Execute
		0 -	- I &	e 🕞 👞 2008/02/15 12:53

Check the CF card status Click here to reconfigure the system —

Setting the Acquisition Conditions

4. Click Acquisition and enter settings as follows:

Start Condition: On Record

Stop Condition: Continuous

Drag and drop the input module icons to appropriate interval groups. Monitor interval of interval groups : 50 msec, 100 msec, and 200 msec Record interval of interval groups : 1

Start Conditon M On Record Fixed Time 20	11	Montor Display Channel Acquisition System Connection
On Record Fixed Time 20		
On Record Fixed Time 20		
Fixed Time 20	05/ 1/ 14 18: 06: 20	Unused Modules
0		
Math Stop Condition Continuous		Interval Group 1
Fixed Time 20	05/ 1/ 14 18: 06: 20 01: 00	Monitor Interval 50 msec 💌 📵 Rec. Interval x 1
O Math		Interval Group 2
File Folder C:WA	(100 Standard/Data	🗂 Monitor Interval 100 msec 🔻 🏮 Rec. Interval 🗴 1
C: Fre File Name data	e Area 19.5 GByte	Interval Group 3
File Division	dd Date Add Time	Monitor Interval 200 msec 💌 👩 Rec. Interval x 1
Comment		Monitor Interval 100 msec 🎁 Rec. Interval x 1
/	0 🗄	🗖 💶 🧭 🧭 💼 2006/03/13 13:19:02

Setting the Channels

5. Click Channel. Then, select the check boxes for the channels you wish to record on the Meas. Channel tab.

_	00:00:00	% 🖻 (Q ?				Monito	r Disp	lay	Channel	Acquisition Syst	tem Connectio
С	hanne	əl								E	I 👔 E		
Me	as. Channe	M	ath C	hannel							11		1-1
	Record	Monitor		Mode	Range		Sp	an				Scale	
	Record	WORILOF		mode	rtange		Min	Max	Use	Dec	. Point	Min	Max
-	[00001]	✓	DI	-	LEVEL(D10)	-	0		1		-		
	[00002]	✓	DI		LEVEL(D10)	-	0		1		-		
	[00003]	1	DI		LEVEL(D10)	•	0		1		-		
	[00004]	✓	DI		LEVEL(D10)	-	0		1		-		
•	[00005]	-	DI	-	LEVEL(D10)	-	0		1		-		
	[00006]	1	DI		LEVEL(D10)	•	0		1		-		
	[00007]	✓	DI		LEVEL(D10)	-	0		1 🗌		-		
	[80008]	-	DI		LEVEL(D10)	-	0		1		-		
	[00009]		DI		LEVEL(D10)	-	0		1		-		
	[00010]	-	DI		LEVEL(D10)	-	0		1		-		
•	[00011]	~	DI		LEVEL(D10)	-	0		1 🔲		*		
					oxes for							ow the	

- **6.** For the selected channels, set the mode, range, span, scale, difference input, RRJC, unit, tag number, tag comment, filter, burnout, RJC, alarm, etc.
- **7.** Click the Math Channel tab and set the expression, unit, tag number, tag comment, alarm, timer, etc.

0 00:00:0	0						Monitor D	isplay	Chann	el Acquisition S	System Connectio
Chan								6	H		
Meas. Cha	nnel M	ath Chann	el								
Record	Monitor		Expre	ssion			Span	▲		Cons	
					Dec.	Point	Min			Label	Value
[990)		ch(0001	0)-ch(00001)		4	-	-100.0000				0.0000
🖌 [990)	02]	ch(0001	0)/ch(00002)		4	•	-100.0000				0.0000
[9900	03]				4	-	-100.0000				0.0000
[9900	04]				4	-	-100.0000				0.0000
[9900	05]				4	-	-100.0000				0.0000
[9900	06]				4	-	-100.0000				0.0000
[9900	07]				4	-	-100.0000				0.0000
[9900	18]				4	-	-100.0000				0.0000
8	8			1		1	4 #	▼			0.0000
4						•		Þ		4	• • • • • •
\boxtimes	Ac	tion	Interval[sec]	On-period [sec]	Off-period	[sec]	Δ				
Timer1	Level	-1	3600	0		0					
Timer2	Edge	-1	3600	0		0					
Timer3	Off	1				0					
- ·	~ //		1			~	V				

Disconnecting the MX100 Standard Software from the MX100

8. Click Connection. Click the Disconnect button on the Connection screen. The connection will be dropped.

MX100 Standard					
File Edit View Acquisition Action					
🗅 😅 🖶 X 🖻 🖻 🔍	?				
0 00:00:00			tonitor Disj		
Connection	The following MX is connected	4.			
MX					
IP Address, or Host Name	994 20040		Connect	Disconnect	
MX100s nearby					
Search					Edit network setup.
inara 🚮		MX100-No1	88		
· · · · · · · · · · · · · · · · · · ·		MX100-No1			
1- mil	2 DOM: NO	netsolpmkeng		Machine Name :	MX100-No1
				IP Address :	-0-0528 600
<u>5.5</u>				Subnet Mask : Default Gateway	104.04.04.0
				Model:	MX100
				Version :	R 3.01
				Serial No. :	10030308
				Options:	/DS
				MAC Address :	1000 340400.00
				User :	L netsolpmkeng
				Software :	MX100 Standard
					Connect
ady	0 🗈 🥌	=			3 2008/02/15 12:54:17

Executing GateMX/MW

 On the System tab, click the Search button. MX100 information such as the machine name, serial number, and address is displayed under MX100/ MW100 nearby.

ê 🖬	> • • ?															
System	Channel Run															
MX100	0 / M/V100 unit list															
No.	IP Address / Host	Info.	ChNum				Sy:	stern						Hardware	Machine Name	. 4
0		Get Info.	0						[-		•	•			
1		Get Info.	0		-		-		[-			•			
2		Get Info.	0		-		-		[-			-			
3		Get Info.	0		-		-		[•		•	-			
4		Get Info.	0		٠		*		[•		•	•			
5		Get Info.	0		٣		٣		[٠			•			
6		Get Info.	0		-					•			-			
7		Get Info.	0		7		-		[•			-			
8		Get Info.	0		-		-		[-			-			
9		Get Info.	0		-		-			•			•			
10		Get Info.	0		•		*			•			•			
		-	4	+			1		4	_	_	4				[7
MX100	0 / M/V100 nearby															Search
	Machine Name	Hardware	Seria	il No.		å,ddres	s			U	ser				Software	-
2mart		MX100	003	100		1.20	14									-
MX100-N	lo1	MX100	1003	100	10	100	101									
eady															a 💑 20	008/02/15 12 59:40

2. Drag the machine name from MX100 nearby onto the IP Address/Host box of No. 0 under MX100 unit list.

F 🖬	۶ 🔳 🕈													
System	Channel Run													
MX100) / MW100 unit list													
No.	IP Address / Host	Info.	ChNum				Sys	tem				Hardware	Machine Name	
0	MX100-{\]	Get Info.	0		-		-							
1	A."	Get Info.	0		-		-		-		-			
2		Get Info.	0		-		-		-		-			
3		Get Info.	0		-		-		-		-			
4		Get Info.	0		*		*		*		*			
5		Get Info.	0		٣		٣		*					
6		Get Info.	0				-				*			
7		Get Info.	0		-		-		-		-			
8		Get Info.			-		-		-		-			
9		0.4144			-		-		-		-			
10	Dra	g and	d dr	op	*		*							
MY10) / MAV100 nearby	-			_	+	_		+		4			Search
	vachine Name	Hardware	Seria	i No.		Address			L	ser			Software	-
iner:		MX100	-003	100		14.232.04								
		MV100	1000	100		100110								-
0X100-N	lo1 •	MX100	1003	HOC:	- 10	200110								

3. Click the Get Info. button. The machine name is displayed.

Click here

GateM	IX/MW									_0
e Moni	toring View Help									
ê 🖬	▶ ■ १									
System	Channel Run									
MX10	10 / MAV100 unit list									
MX10 No.	IP Address / Host	in o.	ChNum		System			Hardware	Machine Name	4
		into. Get info.		 v	System	·	•	Hardware	 Machine Name	4
No.	IP Address / Host		0	 • •		▼ ▼	v		 Machine Name	4

4. Click the number under Unit No. on the Channel tab to check the channel settings. The channel information corresponding to the unit number is highlighted.

System	Channel	Run			
No.	Channel No.	Tag No.	Tag Comment	System No.	4
00001	00001	Tag00001	TagComment 00001	2	
00002	00002	Tag00002	TagComment 00002	2	
00003	00003	Tag00003	TagComment 00003	2	
00004	00004	Tag00004	TagComment 00004	2	
00005	00011	Tag00011	TagComment 00011	1	
00006	00012	Tag00012	TagComment 00012	1	
00007	00013	Tag00013	TagComment 00013	1	
80000	00014	Tag00014	TagComment 00014	1	
00009	00015	Tag00015	TagComment 00015	1	
00010	00016	Tag00016	TagComment 00016	1	
00011	00017	Tag00017	TagComment 00017	1	
00012	00018	Tag00018	TagComment 00018	1	
00013	00019	Tag00019	TagComment 00019	1	
00014	00020	Tag00020	TagComment 00020	1	
00015	00021	Tag00021	TagComment 00021	0	
00016 Unit No	00022	Tex00022	TereComment 00022	0	

5. Click the Start Monitoring button or choose Start Monitoring from the Monitoring menu. The communication status is displayed on the Run tab.

Start monitoring button

											_ 0
e Monito ing	View H	telp									
# 🖬 🕨	. 8										
System Ch	annel	Run									
Client Host											
Cilent Host											
	tion Status	:									
Communica	tion Status		9 11 11 1	transfer and the second s	15						
	ition Status			transfer and the second s	15 3 1						
0 1 2	3 4	E E E E	Interval	transfer and the second s							[
	3 4 19 20	5 6 7 8 1 2 2 2	holized holized holling h		Status				 	 	
System No.	Unit No.	Channel Range	Interval	Num. of Ch.	Status				 	 	
System No.	Unit No.	E E E E Channel Range 00021 - 00030	Interval 10 msec	Num. of Ch. 10	Status			_			
System No.	Unit No. 00	Channel Range 00021 - 00030 00011 - 00020	Interval 10 msec 100 msec	Num. of Ch. 10	Status		_	_	 		
System No. 0 1 2	Unit No. 00	Channel Range 00021 - 00030 00011 - 00020	Interval 10 msec 100 msec	Num. of Ch. 10	Status	-	_				
System No. 0 1 2 3	Unit No. 00	Channel Range 00021 - 00030 00011 - 00020	Interval 10 msec 100 msec	Num. of Ch. 10	Status		_	_			
System No. 0 1 2 3 4	Unit No. 00	Channel Range 00021 - 00030 00011 - 00020	Interval 10 msec 100 msec	Num. of Ch. 10	Status						
System No. 0 1 2 3 4 5	Unit No. 00	Channel Range 00021 - 00030 00011 - 00020	Interval 10 msec 100 msec	Num. of Ch. 10	Status						
System No. 0 1 2 3 4 5 6	Unit No. 00	Channel Range 00021 - 00030 00011 - 00020	Interval 10 msec 100 msec	Num. of Ch. 10	Status		_				

Acquiring Data from the Temperature Controller, WT1600, MX100 or Recorder on DAQLOGGER

From DAQLOGGER, you can acquire data from the temperature controller, WT1600, MX100, or recorder via GateCONTROL, GateWT, and GateMX/MW.

1. Start the Configurator.



Assigning GateCONTROL

2. Enter the following settings for number 01 on the Recorder Setting tab. Port : Ethernet

Click the Address box.

Click to display the Input Address dialog box Click to display a list, then make a selection

🕇 DAQ	LOGGER Software C	onfigurator								_1	
ile Co	ommunication View	Help									
	s ?										
Reco	order Setting	Serial Setting									
No.	Model	Meas Ch.	Math Ch.	Ctrl Ch.	Extra Ch.	System	Port		Add	ess	4
01	Not Connected	•					NONE	-			
02	Not Connected	•					NONE				
03	Not Connected	-					COM1	5			
							COM2				

 Enter the following settings in the Input Address dialog box. Port number: 50299 (the number set on GateCONTROL) System number: 0

	10000100	. ootanigo	indinisor		
Input Address - Record	ier 01	×	Input Address - Record	er 02	×
Ethernet IP Address or Host	Name		Ethernet	Name	
localhost Login Name Password	admin		Login Name Password	admin	
Monitor Server Port No. System No.	50299 Fix (F		Monitor Server Port No.	50295	Fix (F)
ОК	Cancel		ОК		Cancel
	Click to select \perp			-	



Assigning GateWT

4. Repeat steps 2 to 3 to enter the following settings for number 02.

Port : Ethernet

Port number : 50295 (the number set on GateWT)

System number : 0 (GateWT connected to number 01)

Assigning GateMX/MW

5. Repeat steps 2 to 3 to enter the following settings for number 03.

Port : Ethernet

Port number : 50297 (the number set on GateMX/MW)

No system number (acquire the data from all the channels of the MX100 connected to GateMX/MW)

Input Address - Recorder 03	×
Ethernet IP Address or Host Name	Recorder Settings number
localhost	
Login Name admin	
Password	
Monitor Server	
Port No. 50297 Fix	
System No.	Select the check boxes Not necessary if multiple Gate software programs or
OK	multiple systems are not running on the same PC.

Assigning Recorders

6. Assign the recorders to be connected starting form number 03. Match the port and address settings with those on the recorder.

Automatic Model Determination

7. On the recorder settings tab, drag to select the number of software applications and recorders to be connected, starting from number 01.

Automatic model determination button

ile C	onmunication View H	elp							
	2 ?								
Rec	order Setting S	erial Setting							
No.	Model	Meas Ch.	Math Ch.	Ctrl Ch.	Extra Ch.	System	Port		Address
01	Not Connected						Ethernet	٣	localhost
02	Not Connected						Ethernet		localhost
03	Not Connected						Ethernet		localhost
04	Not Connected						Ethernet	*	localhost
-05	Not Connected						Ethernet	v	localhost

Drag to select only those to be connected

8. Click the Automatic model Determination button.

The Communication Message dialog box is displayed. Confirm that the models were determined successfully.

	Model determination was successful.	<u> </u>
	Model determination was successful.	
	l Model determination was successful. Model determination was successful	
	Model determination was successful.	
	Model determination was successful	
	Model determination was successful.	
	Model determination was successful.	_
al.		
<u>.</u>		
	ОК	

Save button

le Co	ommunication View I	Help								
	2 ?									
Reco	order Setting	Serial	Setting							
No.	Model		Meas Ch.	Math Ch.	Ctrl Ch.	Extra Ch.	System	Port		Address
01	Øate	• 0					GateMODBUS	Ethernet		localhost
02	Gate	- 0					GateVVT	Ethernet	-	localhost
03	Gate	- 0					GateMX/M/V	Ethernet		localhost
04	0×100	v 4		8 🗸				Ethernet	v	localhost



9. Click the Save button, then close the configurator.

Entering Tag Settings

10. Start the tag setting software.

🚍 Project1[Supervisor] - DAQLOGGER Manager	
File Logger Launch Other Help	-Click
SCAN RECORD D MONTOR VEVER FLEET DE MEE DE MEE V. CSERV EFF SCAN SETING 👷 ENVI	
B00000E	

11. Drag to select tag numbers.

12. Click the Auto Assign button.

	File Edit (ig Editor Nication View Help		
	1		•		
	J 🖬 🖻 🗧	2 🔁	🖻 💼 🏙 🖌 🖌 🔸	<i>i</i> m %	
	Tag No.	Use	Tag Name	Recorder Number	Channel 🔺
	TAG0001		DAQLOG-TAG-0001	NONE 🗾	
	TAG0002	🛯 O N	DAQLOG-TAG-0002	NONE 🗾	
	TAG0003		DAQLOG-TAG-0003	NONE 🗾	
	TAG0004		DAQLOG-TAG-0004	NONE 🗾	
	TAG0005		DAQLOG-TAG-0005	NONE 🗾	
	TAG0006		DAQLOG-TAG-0006	NONE 🗾	
	TAG0007	_	DAQLOG-TAG-0007	NONE 🗾	
Due a tel set sub-	TAG0008		DAQLOG-TAG-0008	NONE 🗾	
Drag to select only —	TAG0009	_	DAQLOG-TAG-0009	NONE 🗾	
those to be connected	TAG0010	_	DAQLOG-TAG-0010	NONE	
	TAG0011		DAQLOG-TAG-0011	NONE 🗾	
	TAG0012		DAQLOG-TAG-0012		
	TAG0013		DAQLOG-TAG-0013	NONE 🗾	
	TAG0014		DAQLOG-TAG-0014		
	TAG0015	_	DAQLOG-TAG-0015		
	TAG0016	_	DAQLOG-TAG-0016 DAQLOG-TAG-0017		
	TAG0017		DAQLOG-TAG-0017 DAQLOG-TAG-0018		
	AGOUTO		DAQLOG-TAG-0016		
	Ready				

Automatic model determination button

Save button

	IGGER Ta	-		_O×	
File Edit		ication View Help ि⊨ 🖻 🎉 🎉 🏭 🐳 🗭	AA 9		
				Channel A	
Tag No.	Use	Tag Name	Recorder Number		
TAG0001		TAG-R03-D4	01: Gate	0001	
TAG0002		TAG 7(03-02	01: Gate 👤	0002	
TAG0003		7AG-R03-03	01:Gate 💌	00%3	
TAG0004		TAG-R03-04	01:Gate 💌	0004	
TAG0005		TAG-R04-01	01:Gate 🔽	0005	
TAG0006		TAG-R04-02	01:Gate 🔽	0006	
TAG0007		TAG-R04-03	01: Gate 🗾 💌	0007	
TAG0008		TAG-R04-04	01: Gate 🗾 💌	0008	
TAG0009		TAG-R04-05	01: Gate 🗾 💌	0009	—The model name
TAG0010	X ON	TAG-R04-06	01: Gate 📃 💌	0010	is displayed
TAG0011	<u>v</u> o N	TAG-R04-07	01:Gate 🗾 💌	0011	
TAG0012	🚺 O N	TAG-R04-08	01: Gate 🗾 💌	0012	
TAG0013	N D/	TAG-R05-01	01: Gate 🗾 💌	0013	
TAG0014	🛛 ÒN	TAG-R05-02	01: Gate 🗾 💌	0014	
TAG0015	🗾 O N	TAG-R05-03	01: Gate 📃 💌	0015	
TAG0016	🗾 O N	TAN-R05-04	01: Gate 📃 💌	2016	
TAG0017	🗾 O N	TAG-R09-95	01:Gate 🗾 🗾	0017	
TAG0018		TAG-R05-06	01: Gate 🔽	0018	
	6	**	++		
Ready					

13. Click the Save button, then close the tag setting software.

Setting Logging Conditions

- 14. Choose Logger > Configuration from the menu bar in the manager window.
 - Project 1[Supervisor] DAQLOGGER Manager

 File
 Logger
 Launch Other Help

 Configuration...
 Scan Start
 Scan Start

 Record Start
 File Uter File Ut
 DOE MASERV
 COERV

 Math Start
 Math Start
 Math Clear

 Math Clear
 Math Clear
 Math Clear

 Math Clear
 Information...
- **15.** Set data logging conditions from GateCONTROL, GateWT, and GateMX/ MW, then click OK.

-Scanning/Record			
Scan Interval :	sec Recording Rate	e: 1 5 sec	
l	Zero Start ADJ	🔲 Zero Start ADJ	
-Recording Start/E	ind		
Start : On Red	cord 💌		
End: None	-		
ena. p. ma	_		
File			
Folder : C:\DA		ct1 Select	folder
Folder : C:\DA		ct1 Select	
🔽 Extra file nam	e DataFile		
	e DataFile		
🔽 Extra file nam	e DataFile		
File division : Off	e DataFile	Cri Add Dat	
File division : Off Action on Undesir	e DataFile	Add Dat	

— Data logging conditions

Save settings then close the dialog box

Start Data Logging

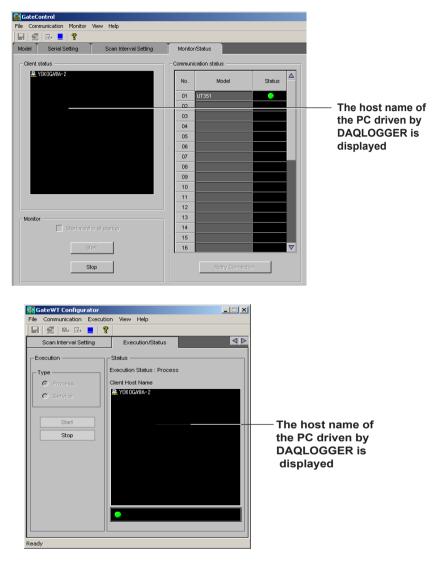
16. Click the SCAN button.

Click



Data is logged from GateCONTROL, GateWT, GateMX/MW, and recorders.

The host name of the PC on which DAQLOGGER is being installed is displayed in GateCONTROL's Monitor/Status tab or GateWT's Execution/ Status tab.

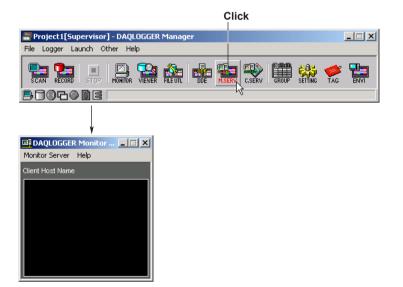


The host name of the PC that has DAQLOGGER installed is displayed on the Run tab of GateMX/MW.

Eg GateMX/MW	
File Monitoring View Help	
📽 🖬 🕨 📕 🖇	
System Channel Run	
Client Host	
netsolpinkeng	 Displays the host name of the PC running DAQLOGGER
Communication Status Dimensional and a second a	— System number whose communication is in
System No. Unit No. Channel Range Interval Num. of Ch. Status	•••••••••••••
0 00 00021-00030 10 msec 10 🥥	progress is displayed in green
1 00 00011 - 00020 100 msec 10 🥥	
2 00 00001 - 00044 500 msec 8 🥥	
3	
4	— MX100 channels and monitor
5	intervals specified on the
7	MX100 Standard Software
	mixing otangalu Soltwale
Ready	

Starting the Monitor Server

17. Click the monitor server icon.



Logging and Saving Data Using AddMulti

1. Click the Configuration button.

Click	Click							
🔒 Project 1 - Add Multi Lau	incher							
File Logger View Help								
🛛 🗾 🖻 🚽 🎪 💷 🖲	s q ?							
Ĝroi	up 01	Gro	up 02					
P	Config.	\triangleright	Config.					
Start	Stop	Start	Stop					
Grou	, up 03	Gro	up 04					
	Config.	P	Config.					
Start	Stop	Start	Stop					
Configuration		STOP	1969/12/31 16:00:00.000					
W	om DAQLOGGER is	et Host Info button displayed, and the	, information obtained button changes to the					
W fro Ro	hen you click the G om DAQLOGGER is ecording Config but	et Host Info button displayed, and the ^{ton} Click to o	-					
Configuration	hen you click the G om DAQLOGGER is ecording Config but Click	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the button information QLOGGER					
Configuration Server Host: DOC_DELL_EJ	hen you click the G om DAQLOGGER is ecording Config but Click	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the btain information LOGGER					
Configuration Server Host: DOC_DELL_EJ. 01 02 03 04 06 07 08 0	hen you click the G om DAQLOGGER is ecording Config but Click	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the button information QLOGGER					
Configuration Server Host: DOC_PELL_EJ. 01 02 03 04 05 06 07 08 0 Group Name: Group 01	hen you click the G om DAQLOGGER is ecording Config but Click	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the btain information LOGGER					
Configuration Server Host: DOC_DELL_EJ. Of 02 03 04 05 06 07 08 0 Group Name: Group 01	hen you click the G om DAQLOGGER is cording Config but Click Port No.: 50260 System No 10 11 12 13 14 15 16 17 Recording Rate 1 1.000 sec Start Condition	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the botain information QLOGGER					
Configuration Server Host: DOC_PELL_EJ. 01 02 03 04 05 06 07 08 0 Group Name: Group 01	hen you click the G om DAQLOGGER is cording Config but Click 9 10 11 12 13 14 15 16 17 Recording Rate 1 1.000 sec - Start Condition	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the botain information LOGGER Get Host Info. Host Info.					
Configuration Server Host: DOC_PELL_EJ. 01 02 03 04 05 06 07 08 Group Name: Group 01 01 01 02 04 06 06 07 08 01 02 03 04 06 06 07 08 02 03 04 06 06 07 08 02 03 04 06 06 07 08 02 03 04 06 06 07 08 02 02 05 06 07 08 02 02 02 04 06 06 07 08 02 0	hen you click the G om DAQLOGGER is cording Config but Click Port No.: 50260 System No 10 11 12 13 14 15 16 17 Recording Rate 1 1.000 sec Start Condition	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the botain information QLOGGER					
Configuration Server Host: DOC_DELL_EJ. 01 02 03 04 05 06 07 08 07 V00 Channel V01 CH0001 V02 CH0002 V02 CH0002 V02 CH0002 V03 Channel Channel <t< td=""><td>hen you click the G om DAQLOGGER is cording Config but Click 9 10 11 12 13 14 15 16 17 Recording Rate 1 1.000 sec - Start Condition</td><td>et Host Info button displayed, and the ton Click to o Enter 0 from DAC</td><td>button changes to the botain information LOGGER Get Host Info. Host Info.</td></t<>	hen you click the G om DAQLOGGER is cording Config but Click 9 10 11 12 13 14 15 16 17 Recording Rate 1 1.000 sec - Start Condition	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the botain information LOGGER Get Host Info. Host Info.					
Configuration W Server Host: DOC_PELL_EJ. 01 02 03 03 04 05 06 07 08 Group Name: Group 01 Group 01 Group 01 Group 01 Group 02 Group 02 Group 02 Group 03 Group 04	hen you click the G om DAQLOGGER is cording Config but Click 9 10 11 12 13 14 15 16 17 Recording Rate 1 1.000 sec - Start Condition	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the botain information LOGGER Get Host Info. Host Info.					
Configuration Server Host: DOC_DELL_EJ. 01 02 03 04 05 06 07 08 07 No. Channel VO1 CH0001 VV02 CH0002 VV03 CH0003 VV04 CH0004 VV05 CH0004 CH0004 VV05 CH0004 CH004 CH04 CH04 CH04	hen you click the G om DAQLOGGER is ecording Config but Click 9 10 11 12 13 14 15 16 17 Recording Rate 1 1.000 sec Start Condition On Record C	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the botain information LOGGER Get Host Info. Host Info.					
Configuration W Server Host: DOC_PELL_EJ. 01 02 03 04 05 06 07 08 0 Group Name: Group 01 Group Name: Group 01 Group Name: Group 01 Group Name: Grou	hen you click the G om DAQLOGGER is cording Config but Click Port No. : 50280 II System No 10 11 12 13 14 15 16 17 Recording Rate : 1 1.000 sec Start Condition I Zero Start ADJ File Settings	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the botain information LOGGER					
Configuration Server Host: DOC_DELL_EJ. 01 02 03 04 05 06 07 08 V00 Channel VV01 Channel VV01 Channel VV02 VV02 Channel VV02 Channel VV02 Channel VV05 Channel Channel VV05 Channel Channel Channel Channel Channel Channel	hen you click the G om DAQLOGGER is cording Config but Click Port No : 50280 System No 10 11 12 13 14 15 16 17 Recording Rate : 1 1.000 sec Start Condition On Record C E Zero Start ADJ	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the botain information LOGGER 28 27 28 29 30 31 32 33 34 4 1 3 0 00.0004.000					
Configuration W free Server Host: DOC_PELL_EJ. 01 02 03 06 07 08 Croup Name: Group 01 Group 01 <td>hen you click the G om DAQLOGGER is ecording Config but Click Port No.: 50260 System No 9 10 11 12 13 14 15 16 17 Recording Rate : 1 1.000 sec Start Condition Crook Start ADJ File Settings Folder : C:DAGWORXVAddMuttPr File Settings Folder : C:DAGWORXVAddMuttPr File start file name Coll File division : CFF •</td> <td>et Host Info button displayed, and the ton Click to o Enter 0 from DAC 18 19 20 21 22 23 24 25 End Constitu Dete court • Date number :</td> <td>button changes to the botain information LOGGER 28 27 28 29 30 31 32 33 34 4 1 3 0 00.0004.000</td>	hen you click the G om DAQLOGGER is ecording Config but Click Port No.: 50260 System No 9 10 11 12 13 14 15 16 17 Recording Rate : 1 1.000 sec Start Condition Crook Start ADJ File Settings Folder : C:DAGWORXVAddMuttPr File Settings Folder : C:DAGWORXVAddMuttPr File start file name Coll File division : CFF •	et Host Info button displayed, and the ton Click to o Enter 0 from DAC 18 19 20 21 22 23 24 25 End Constitu Dete court • Date number :	button changes to the botain information LOGGER 28 27 28 29 30 31 32 33 34 4 1 3 0 00.0004.000					
Configuration DOC_PELL_EJ. Configuration Server Host: DOC_PELL_EJ. Children Children Group Name: Children Group Name: Viol Children Viol Shone> Viol None>	hen you click the G om DAQLOGGER is cording Config but Click Port No : 50200 ff System No 10 10 11 12 13 14 15 16 17 Recording Rate : 1 1.000 sec Start Condition On Record = Zero Start ADJ File Settings Folder : C:DAQWORXLAddMuttiVF File Settings Folder : C:DAQWORXLAddMuttiVF File division : CFF =	et Host Info button displayed, and the ton Click to o Enter 0 from DAC	button changes to the botain information LOGGER 28 27 28 29 30 31 32 33 34 4 1 3 0 00.0004.000					
V00 Channel V02 CH0001 VV02 CH0001 VV02 CH0001 VV03 CH0003 VV04 CH0004 VV05 CH0005 VV06 CH0006 VV07 CH0007 VV08 CH0008 VV09 None> VV10 «None> VV11 «None> VV13 «None> VV13 «None> VV13 «None> VV13 «None> VV13 «None>	hen you click the G om DAQLOGGER is ecording Config but Click Port No : 50250 State 10 11 12 13 14 15 16 17 Recording Rate : 1 1.000 sec Start Condion On Record • Zero Start ADJ File Settings Folder : C:DAQVVORXUAddMuthPr File division : OFF • File conversion Text • Lotus	et Host Info button displayed, and the ton Click to o Enter 0 from DAC 18 19 20 21 22 23 24 25 End Constitu Dete court • Date number :	button changes to the botain information LOGGER 28 27 28 29 30 31 32 33 34 4 1 3 0 00.0004.000					
Configuration W Server Host: DOC_PELL_EJ. 01 02 03 04 05 06 07 08 Croup Name: Croup 01 Croup 01 Croup 02 Croup02 Croup03 Croup04	hen you click the G om DAQLOGGER is cording Config but Click Port No.: 50260 C System No 9 10 11 12 13 14 15 16 17 Recording Rate : 1 1.000 sec Start Condition C Record C Zero Start ADJ File Settings Folder : C:DAGWORXVAddMuttPr Extra file name Coll File division : CFF C File conversion	et Host Info button displayed, and the ton Click to o Enter 0 from DAC 18 19 20 21 22 23 24 25 End Constitu Dete court • Date number :	button changes to the botain information LOGGER 28 27 28 29 30 31 32 33 34 4 1 3 0 00.0004.000					

2. Click the port number selection button, then select No. 2 (DAQLOGGER's port number).

	Port	No.	×
	No.	Server type	Port no.(default)
	1	DAQ32PLUS	50278
Click —	-2	DAQLOGGER	50280
	3	MXLOGGER	50284

- 3. Enter a system number of 0.
- 4. Click Get Host Info.
 - Information is obtained from DAQLOGGER.
- **5.** Click the Host Info button to check the settings of the connected DAQLOGGERs.

When you click, the acquisition setting screen switches, and the button changes to the Recording Config button Connected server types are displayed

Configur	ation									2
Server H	ost: DOC_DELL_E	J. Port N	p.: 50280 💶 Sy	stem No.: 0					Get Host Info.	Record Config.
Server ty	pe: None	> Number of Ch.:	1600 Scan Interval	: 1.000	sec Start tir	ne: 196	9/12/3	1 16:00:	00.000 Z	ero Start ADJ: Usable
No.	Channel No	Tag No.	Tag Comment	Min	Max	Unit		A	larm	4
NO.	Chainerno	Tag No.	rag comment	19101	IMICIA	Onic	Level	Type	Value	
0001	CH0001	TAG0001	TAGCOMMENT0001	-10.000	10.000		L1 1	OFF	0.000	
0002	CH0002	TAG0002	TAGCOMMENT0002	-10.000	10.000		L1 1		0.000	
0003	CH0003		TAGCOMMENT0003	-10.000	10.000		L1 1		0.000	
0004	CH0004		TAGCOMMENT0004	-10.000	10.000		L1 1		0.000	
0005	CH0005	TAG0005	TAGCOMMENT0005	-10.000	10.000		L1 1	OFF	0.000	
0006	CH0006	TAG0006	TAGCOMMENT0006	-10.000	10.000		L1 1	OFF	0.000	
0007	CH0007	TAG0007	TAGCOMMENT0007	-10.000	10.000		L1 1	OFF	0.000	
0008	CH0008	TAGOOOS	TAGCOMMENT0008	10.000	10.000		114	OFF	0.000	

6. Click the Recording Config button on the 01 tab to set the acquisition conditions.

Configuration				2
Server Host : local host	Port No. : 50280	System No.: 0		Get Host Info. Host Info.
01 02 03 04 05 06 07	08 09 10 11 12 13 14	15 16 17 18 19 20 21	I 22 23 24 25 26 27	28 29 30 31 32 33 34 🗸
Froup Name : Group 01				
No. Channel	Recording Rate :	1 1.000 sec		
No. Channel	Start Condition		End Condition	
VV01 CH0001	On Record		Data count	
W02 CH0002	Zero Start ADJ		Data number :	5 0 00:00:04.000
VVD3 CH0003 VVD4 CH0004				
VADS CHOODS				
Click				
Click to	solact			
	Select			
hannel No				×
TAG0001	TAG0002	TAG0003	TAG0004	
TAG0005	TAG0006	TAG0007	TAG0008	
TAG0009	TAG0010	TAG0011	TAG0012	
TAG0013	TAG0014	TAG0015	TAG0016	
TAG0017	TAG0018	TAG0019	TAG0020	
TAG0021	TAG0022	TAG0023	TAG0024	
TAQ0025	TACODOR	TAC0027	TACODOR	

Acquisition channel :

use the increment button to set W01-W10 to TAG0001-TAG0010.

Group name :

Evaluation test 1

	Configura	tion					×
	Server Ho	st: DOC_DELL_EJ.		Port No.: 50280 🖼 System No.: 0		Get Host Info.	Host Info. 🛛 🕅
	01 02 1	03 04 05 06 07 08	3 0	9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	25 26 27	28 29 30 31	32 33 34 🛛 Þ
Change the —	Group Nar	ne : C roup 01					
group name	No.	Channel	•	Recording Rate : 5.000 sec			
•	NO.	Charmer		Start Condition End Con	dition		
г	-VV01	TAG0001		On Record 💌 Data co	unt 💌		
	VV02	TAG0002		Zero Start ADJ Data nur	nber:	5 0 00:00:2	0.000
	VV03	TAG0003					
	VV04	TAG0004					
Drag to —	VV05 VV06	TAG0005					
select	VV08	TAG0006		File Settings			
L	-VV08	XAG0008	P	Folder : C:1DAQWORXVAddMultiiProject1VGroup 01V			Browse
	VV09	«None»		Extra file name G01		Add	date
	VV10	<none></none>	Ш				
	VV11	<none></none>	Ш	File division : OFF			
	VV12	<none></none>		File conversion			
	VV13 VV14	<none></none>	Ш	Text Lotus Excel			
	VV14 VV15	<none></none>		Miscellaneous			
	VV16	«None»	Ш	Threshold : 1 Counts			
	0		1	Courts			
	ок	Cancel Apply		Updates display settings to Data Monitor. Receive Group Settings	Copy Setting.	Сору	Paste

Increment button

Acquisition channel numbers are filled from the first cell in the selection to the last, each channel being assigned a number +1 higher than the last.

7. Set groups 02, 03, and 04 in the same manner.

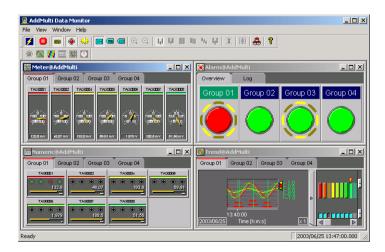
Click OK to save the settings.

- 8. Click the SCAN button. Data is acquired from DAQLOGGER.
- **9.** Start the monitor software. The specified group data is displayed in the monitor.

Click to start the scan

🐣 Project1 - AddMulti Launcher	
File Logger View Help	
<mark>∕</mark> ₩ → ** == ⊠ @ %	

Click to display the monitor



10. Select several groups and start data acquisition on all of them.

Click the desired groups \triangleright , then click the Record Start button.

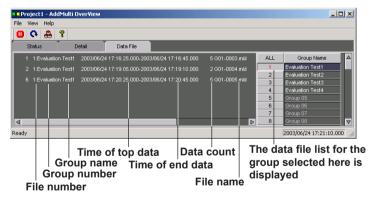
To stop, click the Record Stop button.

To start or stop data acquisition on only one group, click the Start or Stop button for that group.

Record Start button

	Recor	Overview bu		lick to display the	Config dialog box
	nject 1 - Add Multi Lau Jogger View Help	incher			
	이 바이 Help 아 바이 아이 메이 (**********************************	s @ ?			-
	Evaluati	on Test1	Eval	uation Test2	
>		Config.	- P	Config.	 The recording status is displayed using colors
	Start	Stop	Start	Stop	Green: Recording Yellow: Scanning
	Evaluati	on Test3	Eva	uation Test4	Red: Error
- >		Config.	▶	Config.	Clicking once changes
	Start	Stop	Start	Stop	the displayed color to blue, clicking once
Ready			S	TOP 1969/12/31 16:00:00.000 //	again changes it to gray
			click the	Start or Stop buttor	•
			Record	d Starts/Stops cont	rols all groups displayed in blue

Click the Overview button to display the acquisition status by group.



Project1 - AddM File View Help	lulti Over¥	liew		
00	•			
Status	Detail	Data File		
Group		Condition	Interval[sec]	Start Time
01:Evaluation Test1	ļ	Recording	5.000	2003/06/24 17:32:55
02:Evaluation Test2		Scanning	5.000	2003/06/24 17:40:42.000[Sche
03:Evaluation Test3		Recording /	5.000	2003/06/24 17:32:55
04:Evaluation Test4		Stop	5.000	Waiting for Con
05:Group 05		\sim		
06:Group 06				
07:Group 07				
08:Group 08				
09:Group 09				
10:Group 10				7
4				
leady				2003/06/24 17:34:05.000

The recording status is displayed using colors Status displayed in red when an error occurs

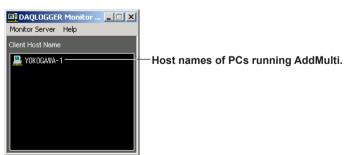
Project1 - AddMulti OverView						
File View Help						
0 🕂 🐣 🤋						
Status Detail Data File						
Evaluation Test1	Evaluation Test2					
Recording	Scanning					
Evaluation Test3	Evaluation Test4					
Recording	Stop					
Ready	2003/06/24 17:33:55.000 //					

Data is stored by group in the specified folder.

Project1 Select an item to view its description. See also: My Documents My Network Places My Computer MSrvrLog20 MSrvrL Group 01 File Edit View Favorites Tools Help File Edit View Favorites File Edit View Favorites Tools Help File Edit View Favorites File Edit View Favor	p 02 Group 03 Group 04 ~RMClient.log
	ary le le x w E.
Address Project1 Select an item to view its description. See also: Mv Documents Mv Computer My Computer File Edit View Favorites Tools Help File Group 01 Group 01 Group 01 Group 01 See also: My Computer My Computer	p 02 Group 03 Group 04 ~RMClient.log
Group 01 Grou Project1 Select an item to view its description. See also: My Documents My Network Places My Computer Group 01 File Edit View Favorites Tools Help Group 01 File Edit View Favorites Tools Help File Edit View Favorites Tools Help File Edit View Favorites Tools Help File Edit View Favorites Tools Help	p 02 Group 03 Group 04 ~RMClient.log
Project1 Select an item to view its description. See also: My Documents My Network Places My Computer MSrvrLog20 EventLog20 EventLog20 WSrvrL MSrvrLog20 MSrvrL MSrvrLog20 MSrvrL MSrvrLog20 EventLog20 MSrvrL MSrvrLog20 MSrvrL MSrvrL MSrvrLog20 MSrvrL	p 02 Group 03 Group 04 ~RMClient.log
Project1 Select an item to view its description. See also: My Documents My Network Places My Computer My Computer MSrvrLog20 EventLog20 MSrvrLog20 EventLog20 EventLog20 EventLog20 EventLog20 MSrvrLog20 EventLog20 EventLog20 EventLog20 EventLog20 EventLog20 MSrvrLog20 EventLog20 MSrvrLog20 EventLog20 EventLog20 EventLog20 EventLog20 EventLog20 MSrvrLog20 MSrvrLog20 MSrvrLog20 MSrvrLog20 EventLog20 MSrvrLog20 EventLog20 EventLo	bg20 EventLog20 FileLog2003 MSrvrLog20
description. EventLog20 EventLog20 EventLog20 EventLog20 EventLog20 EventLog20 EventLog20 EventLog20 EventLog20 MSrvrL My Documents My Network Places My Computer MSrvrLog20 MSrvrL Second D1 File Edit View Favorites Tools Help ↓ Back ↓ → ↓ ♠ ③ Search ♣ Folders ♥ Hist Address ♠ Group 01	920 EventLog20 FileLog2003 MSrvrLog20
My Documents My Network Places My Computer Group 01 File Edit View Favorites Tools Help Galack	
MSrvrLog20 MSrvrL Group 01 File Edit View Favorites Tools Help ↓ Back • → - È ② Search È Folders ③ Hist Address G Group 01	g20 Project1.lpl Project1.ovw Project1.prj
Group 01 File Edit View Favorites Tools Help ↓ ⊕ Back ▼ → ▼ ⓒ ③ Gearch ট Folders ③ Hist Address ⓒ Group 01	goon nojeczny nojecznow nojecznoj
Address Group 01	
	pry 階階×の 囲•
	▼ @Go
Group 01	1.mld 601-0002.mld @0@33mld 601-0004.mld
description.	8 38 06.mld G01-0007.mld
See also: My Documents	
File name s	Sequence number

When scanning is started on AddMulti, the DQLOGGER monitor server screen displays the host name of the PCs on which AddMulti is installed.

DAQLOGGER monitor server screen



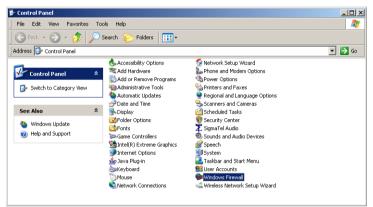
Removing the Firewall

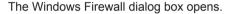
The following is an example of how to add the DAQ32Plus Launcher as a firewall exception.

1. From the Start menu, choose Control Panel.

The control panel window appears.

2. Double-click Windows Firewall.







If the Off option button is selected, click Cancel to close the dialog box.
 If the On option button is selected, clear the Don't allow exceptions check box and click the Exceptions tab.

👺 Windows Firewall	x
General Exceptions Advanced	
Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.	
Programs and Services:	
Name	
DAQEXPLORER Monitor Server	
File and Printer Sharing	
Gate mB GateControl	
MLMonitorSrvr	
Remote Assistance	
Remote Desktop	
UPnP Framework	
Add Program Add Port Edit Delete	
Display a notification when Windows Firewall blocks a program	
What are the risks of allowing exceptions?	
what are the lisks of allowing exceptions?	
OK Cancel	1
	_

4. Click Add Program.

The Add a Program dialog box opens.



5. Select Launcher for DAQ32Plus and click OK.

📴 Windows Firewall	x
General Exceptions Advanced	
Windows Firewall is blocking coming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.	
Programs and Services:	
Name	
DAQEXPLORER Monitor Server	L
File and Printer Sharing	L
☑ Gate mR	L
GateControl	L
Zi Launcher Im Mit MonitorSrvr	L
	L
	L
UPnP Framework	L
	L
	L
Add Program Add Port Edit Delete	
${\ensuremath{\overline{\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$}\mbox{$\mbox{$\mbox{$}\mbox{$}\mbox{$\mbox{$}$	
What are the risks of allowing exceptions?	
OK Cancel	

6. Click the Exceptions tab, check that Launcher for DAQ32Plus has been added, select the Launcher for DAQ32Plus check box, and click OK.