

Software Function Map

Function Map	Data Acquisition Software				High-Value-Added Software							Common Viewer
	DAQLOGGER	DAQ32Plus	MXLOGGER	DAQEXPLORER	AddObserver	AddObserver Runtime	AddMulti	AddTrigger	DAQLOGGER Client	DAQ32Plus Client	DataBrowser	
OS												
Windows 2000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows XP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Vista	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support of Communication Interface												
Ethernet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GP-IB	—	—	—	—	—	—	—	—	—	—	—	—
RS-232, RS-422/485	✓	✓	—	—	—	—	—	—	—	—	—	—
Data Logging Function												
Maximum no. of linkable hardware units	32	1	20	16	—	—	—	—	—	—	—	—
Maximum no. of linkable lower-level software	32 (comprised in hardware)	—	—	—	16	16	1	1	16	16	16	—
Maximum no. of data acquisition channels	1600	360 (inc. computation)	1200+computation240	—	—	—	32 each	1600	—	—	—	—
Shortest measurement interval	1s	500ms	10ms (computation 100ms)	—	—	—	Depends on lower-level software	Depends on lower-level software	Depends on lower-level software	Depends on lower-level software	—	—
Multi-logging and filing	—	—	—	—	—	—	✓ (50groups)	—	—	—	—	—
State-change-in-data monitoring trigger	—	—	—	—	—	—	—	✓	—	—	—	—
Multi-interval logging	—	—	—	—	—	—	✓ (same in each group)	—	—	—	—	—
Periodic data file retrieval	—	—	—	—	—	—	—	—	—	—	—	—
Automatic Excel/Lotus/ASCII conversion	✓	✓	✓ (when finished recording)	✓	—	—	—	—	—	—	—	—
Reporting (hourly/daily/weekly/monthly)	✓	✓ (Depends on hardware)	—	✓ (Depends on hardware)	—	—	—	—	—	—	—	—
Event processing function (E-Mail/FTP)	✓	—	—	—	—	—	—	—	—	—	—	—
Manual DO	—	—	✓ (4ch)	—	—	—	—	—	—	—	—	—
User AO	—	—	✓ (manual+pattern 4ch)	—	✓ (via GateCONTROL)	✓ (via GateCONTROL)	—	—	—	—	—	—
Hardware setup	✓	✓	✓	✓	—	—	—	—	—	—	—	—
Maximum no. of linkable upper-level software	16	16	16	16	—	—	—	—	—	—	—	—
Monitoring Function												
Number of display channels	32×50groups	32×30groups	32×50groups	32×50groups (each unit)	1600 (32ch / one trend)	1600 (32ch / one trend)	32×50groups	32×50groups	Depends on lower-level software	Depends on lower-level software	—	—
User-created screens	—	—	—	—	✓ (builder&monitor)	✓ (monitor)	—	—	—	—	—	—
Screen capture (snapshots)	✓	—	—	✓ (screen of hardware)	—	—	—	—	—	—	—	—
Data Viewer												
Number of display channels/group	32	32	32	32	—	—	32	32	32	32	32	32
Maximum number of groups	50	30	50	50	—	—	50	50	50	50	50	50
Data search function	—	—	—	—	—	—	—	—	—	—	—	✓
Multiple files display	—	—	—	—	—	—	—	—	—	—	—	✓
Excel/Lotus/ASCII conversion	✓	—	✓	✓	—	—	—	—	—	—	—	✓
Cursor-to-cursor interval computing	✓	✓	—	—	—	—	—	—	—	—	—	✓
Data file splitting/concatenation	✓	✓	✓ (merge)	✓ (link to view)	—	—	—	—	—	—	—	—

The CD-ROMs and Installation & Operation Guides are the same, therefore if multiple copies are not needed, please specify the /NCD option (WX___/NCD) for all but the first item.

License Model

◆ Install License and Model Codes for Integrated Packages

Model/Suffix Code	Description	Note
WX101	DAQLOGGER license	Integrated data acquisition software, connect up to 32units 1600ch, highest measurement interval of 1sec <Supported models> Daqstation DX/CX, MVAdvanced/MobileCorder MV, DARWIN DA/DC/DR, Chart recorder μR1000/1800, View recorder VR, Gate software
WX81	DAQLOGGER Client license	DAQLOGGER/MXLOGGER Client Monitor
WX1	GateDX-P	License to run 1 program*
	GateμR	DAQSTATION DX100P/DX200P (Style S4 or later) interface (connect up to 16 units)
	GateMX/MW	Industrial chart recorder μR10000/μR20000 interface (connect up to 16 units)
	GateCONTROL	DAQMASTER MX100/MW100 (for the MW100, firmware R2.1 1 or later only) interface (connect up to 32 units)
	GateWT	Control product* interface (connect up to 32 units) <Supported models> Temperature Controller UT100 series, Indicating Controller UT52A/55A/32A/35A/320/321/350/351/420/450/520/550/551/750, US1000, Program Controller UP55A/35A/350/351/550/750, Indicator with Alarms UM33A/330 /331/350/351, Signal Conditioner VJ U7/S7/A7/H7/P8/Q7/Q8/X7, Digital Limit Alarms MV HK/RK/TK
	GateOPC	Power meter WT100/200/1000/2000/1600/500 (GP-IB only for the WT500) interface (connect up to 16 units)
GateMODBUS	OPC DA Server interface (connect up to 16 servers) * Browse function required	
GateEye*	Modbus RTU/TCP interface (up to 300 tags)	
WX11	AddObserver license	Web camera (still JPEG) interface (connect up to 4 units)
WX83	AddObserver Runtime license	Add-on software for monitoring using user-created screens (with builder)
WX12	AddMulti license	Add-on software for monitoring using user-created screens (run-time)
WX13	AddTrigger license	Data acquisition add-on software for recording by groups (32ch×50groups)
Options /NCD	License sheet only	Data acquisition add-on software with various condition triggers Product CD-ROM, Manual CD-ROM, and Installation & Operation Guide not included

* With each WX1 license you can launch one Gate software application. A separate WX1 license must be purchased for each Gate program you wish to run simultaneously (up to five). Note that multiple instances of the same type of Gate program cannot be run on the same PC.
* GateEye is used by connecting to AddObserver.
* The various control products may not be connectable depending on the date of manufacture. See the specification sheet for details.

◆ Install License and Model Codes for Product Specific Packages

Model/Suffix Code	Description	Note
WX102	DAQ32Plus license	Data acquisition software for DARWIN (single connection)
WX82	DAQ32Plus Client license	DAQ32Plus Client Monitor
WX103	MXLOGGER license	Data acquisition software for DAQMASTER MX100 (connect up to 20 units)
WX81	DAQLOGGER Client* license	DAQLOGGER/MXLOGGER Client Monitor
WX104	DAQEXPLORER license	Software for DAQSTATION DX/CX, MVAdvanced/MobileCorder MV (connect up to 16 units)
WX11	AddObserver license	Add-on software for monitoring using user-created screens (with builder)
WX83	AddObserver Runtime license	Add-on software for monitoring using user-created screens (run-time)
WX12	AddMulti* license	Data acquisition add-on software for recording by groups (32ch×50groups)
WX13	AddTrigger* license	Data acquisition add-on software with various condition triggers
Options /NCD	License sheet only	Data acquisition add-on software with various condition triggers Product CD-ROM, Manual CD-ROM, and Installation & Operation Guide not included

* Restrictions on the number of hardware connections and the acquisition interval apply when using MXLOGGER in combination with AddMulti, AddTrigger, and DAQLOGGER Client. For more information, please visit our Web site (<http://www.yokogawa.com/nsl/>) or contact your nearest Yokogawa representative.

◆ Install License and Model Code for Common Viewer

Model/Suffix Code	Description	Note
WX201	DataBrowser license	Advanced file searching and waveform viewing software
Options /NCD	License sheet only	Product CD-ROM, Manual CD-ROM, and Installation & Operation Guide not included

◆ License and Model Codes for Upgrades

Model/Suffix Code	Description	Applicable models
WX101UP	DAQLOGGER upgrade	DAQLOGGER R3/R4/R5/R6→R7
WX102UP	DAQ32Plus upgrade	DAQ32Plus R9/R10→R11
WX103UP	MXLOGGER upgrade	MXLOGGER R1→R2
WX104UP	DAQEXPLORER upgrade	DAQEXPLORER R1/R2/R3→R4
WX11UP	AddObserver upgrade	DAQOBSERVER/AddObserver R1/R2/R3→R4
WX12UP	AddMulti upgrade	AddMulti R1→R2
Options /NCD	License sheet only	Product CD-ROM, Manual CD-ROM, and Installation & Operation Guide not included

* The following upgrades must be purchased as full products (no discount upgrade options available):
DAQLOGGER Client, DAQ32Plus Client, DAQOBSERVER/AddObserver Runtime.
* For release upgrades from older versions than the above, please contact your Yokogawa representative.

Shipping Format

When ordering DAQWORX model WX___, the package includes the ordered quantity's worth of product CD-ROMs, manual CD-ROMs, and Installation & Operation Guides plus the license sheet.

Free Revision Upgrade

Customers with the latest version of the license (see table below) can upgrade to the latest release (obtain a "revision upgrade") of the software through one of the following methods.

- Through the latest edition of the DAQWORX CD-ROM obtained when purchasing other additional software. Otherwise, you can also purchase the CD-ROM medium only (part number B9991WB).
- Download the upgrade from "y-Link" (<https://y-link.yokogawa.com/>).

List of versions eligible for the free revision upgrade	
DAQLOGGER/DAQLOGGER Client: R7, Gate software: All, DAQ32Plus/DAQ32Plus Client: R11, MXLOGGER: R2, DAQEXPLORER: R4, DataBrowser: R1,	
AddObserver/AddObserver Runtime: R4, AddMulti: R2, AddTrigger: R1	

PC System Requirements

PC system requirements for a standard system configuration (centered on one Base program incorporated with the necessary Gate and Add-on programs) are shown in the table below.

◆ Operating System

Microsoft Windows 2000 Professional SP4, Windows XP Home Edition SP3, Windows XP Professional SP3 (excluding x64 Edition), Windows Vista Home Premium SP1 or SP2 (excluding 64-bit editions), Windows Vista Business SP1 or SP2 (excluding 64-bit editions), Windows 7 Home Premium (32-bit and 64-bit editions), Windows 7 Professional (32-bit and 64-bit editions)

◆ Processor

2000/XP: Intel Pentium 4 1.6 GHz or faster x64 or x86 *
Vista: Intel Pentium 4 3 GHz or faster x64 or x86 *
7: 32-bit edition: Intel Pentium 4 3GHz or faster x64 or x86 *
64-bit edition: Intel x64 processor that is equivalent to Intel Pentium 4, 3 GHz or faster.
*Operation with the multi-coprocessor not guaranteed.

◆ Main Memory

2000/XP: 512 MB or more of RAM
Vista/7: 2 GB or more of RAM

◆ Hard Disk

A minimum free disk space of 200 MB is required (1 GB or more is recommended, since measured data is stored), speed of 7,200 rpm or faster is recommended

◆ Drive

CD-ROM drive

◆ Display

A video card that is recommended for the OS and a display that is supported by the OS, has a resolution of 1024×768 or higher, and that can show 65536 colors (16-bit, high color) or more.

◆ Sound

Speakers, sound card ¹

◆ Printer

A4 Printer (A4 Color Printer recommended)


◆ Communication interface

- National Instruments GPIB interface (for GPIB) ¹
- RS-232-RS-422/485 converter (for RS-422/485) or Modbus TCP-RTU converter (for Modbus RTU) ²
- Serial port for RS-232C (for RS-232C or RS-232-RS-422/485 converter) ¹
- Ethernet network card (for Ethernet or Modbus TCP-RTU converter) ¹

- 1: Must support the operating system being used.
- 2: Yokogawa ML2 and VJET recommended.

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Notice

 Please read all relevant users manuals for correct and safe operation of instruments.