



DXAdvanced™

DXAdvanced DX1000N Removable Chassis Model

A removable chassis model has been added to the Yokogawa's latest DXAdvanced Video Graphic Recorder featuring easy maintenance.



The new DXAdvanced DX1000N features an inner chassis that can be removed from the case via the front panel of the instrument. This provides access to all of the internal components of the DX1000N from the control panel without having to access the rear of the unit or disturb any of the field and power supply wiring. Functionality, appearance, and panel cutout dimensions are the same as those of the standard DX1000.

Advanced Performance

- *High-speed measurement*

* High-speed measurement of up to 25 ms (DX1002N or DX1004N using fast sampling mode)

Advanced Memory

- *High Capacity Internal Memory and Removable Media*

- * Supports up to 200 MB of non-volatile, internal flash memory for reliable, long-term data storage
- * All models include a CompactFlash drive. Rugged and readily available CompactFlash cards (CF cards) serve as the removable media, and are available as optional accessories.
- * Supports USB Flash drive with optional USB interface.

Advanced Display and User Interface Functions

- *Easy configuration and menu navigation*

- * USB keyboard & remote control options for text entry
- * Versatile, standard display modes
- * Jump to your favorite screen with the Favorite key

Advanced Connectivity

- *Powerful Ethernet connectivity and convenience functions*

- * Standard Ethernet interface
- * Includes Web server and E-mail messaging functions, time synchronization (SNTP), automatic network setup (DHCP), file transfer (FTP) and more.

Bulletin 04L43B01-01E

Advanced Reliability and Security

- *Rugged construction and data security*

- * Water and dust-proof front panel (complies with IEC529-IP65)
- * A mechanical lock with removable key is provided to securely latch the front panel door. This forbids access to the power switch and removable media.
- * Reliable, non-volatile flash memory is used for internal data storage operations with ECC* function. * ECC: Error Check and Correct



www.daqstation.com

vigilantplant.™
The clear path to operational excellence

YOKOGAWA ◆



DXAdvanced DX1000N
Removable Chassis Model

DXAdvancedTM

Application Software (DAQSTANDARD for DXAdvanced)

Every DXAdvanced unit includes a DAQSTANDARD software, which is used for all data file display and reporting functions, including printing and conversion to common file formats. In addition, it includes a configuration tool that is used to fully configure the unit in both on-line (via Ethernet communications) and off-line (saving and loading files from the media) modes. Configuration files can also be archived on the PC.



Models and Suffix Codes

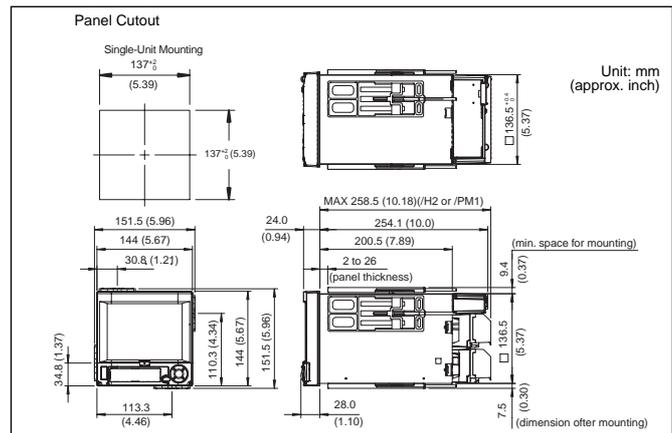
| Model code | Suffix code | Option code | Description |
|------------------|-------------|--|---|
| DX1002N | | | 2 ch, 125 ms (Fast sampling mode: 25 ms) |
| DX1004N | | | 4 ch, 125 ms (Fast sampling mode: 25 ms) |
| DX1006N | | | 6 ch, 1 s (Fast sampling mode: 125 ms) |
| DX1012N | | | 12 ch, 1 s (Fast sampling mode: 125ms) |
| Internal memory | -1 | | Standard memory (80 MB) |
| | -2 | | Large memory (200 MB) |
| External media | | -4 | CF card (with media) |
| Display language | | -2 | English, degF, DST (summer/winter time) |
| Options | | /A1 | Alarm output 2 points *1 |
| | | /A2 | Alarm output 4 points *1 |
| | | /A3 | Alarm output 6 points *1 *2 |
| | | /C2 | RS-232 interface *3 |
| | | /C3 | RS-422A/485 interface *3 |
| | | /F1 | FAIL/Status output *2 |
| | | /H2 | Clamped input terminal (detachable) |
| | | /M1 | Mathematical functions |
| | | /N1 | Cu10, Cu25 RTD input/3 leg isolated RTD |
| | | /N2 | 3 leg isolated RTD *4 |
| | | /N3 | Extended input type (PR40-20, Pt50, etc.) |
| | | /R1 | Remote control |
| | | /TPS2 | 24VDC transmitter power supply (2 loops) *5 |
| | | /TPS4 | 24VDC transmitter power supply (4 loops) *6 |
| | | /KB1 | Easy text entry (with input terminal) *7 *8 |
| | | /KB2 | Easy text entry (without input terminal) *7 |
| | /USB1 | USB interface | |
| | /PM1 | Pulse input (including remote control and mathematical functions) *9 | |
| | /CC1 | Calibration correction function | |

*1 /A1, /A2 and /A3 cannot be specified together. *2 /A3 and /F1 cannot be specified together.
 *3 /C2 and /C3 cannot be specified together. *4 /N2 can be specified for only DX1006N and DX1012N.
 *5 In case that /TPS2 is specified, /TPS4, /A1, /A2, /A3 or /F1 cannot be specified together.
 *6 In case that /TPS4 is specified, /TPS2, /A1, /A2, /A3 or /F1 cannot be specified together.
 *7 /KB1 and /KB2 cannot be specified together. *8 In case that /KB1 is specified, remote input terminal (438227) is included.
 *9 In case that /PM1 is specified, /A3, /M1, /R1, /TPS2 or /TPS4 cannot be specified. And combination of /A2/F1 cannot be specified together.

Accessories

| Product | Model code (part number) | Specification |
|---|--------------------------|-----------------------|
| Shunt resistor | 415920 | 250Ω±0.1% |
| | 415921 | 100Ω±0.1% |
| | 415922 | 10Ω±0.1% |
| Shunt resistor (for clamped input terminal) | 438920 | 250Ω±0.1% |
| | 438921 | 100Ω±0.1% |
| CF card adapter | 438922 | 10Ω±0.1% |
| | 772090 | - |
| CF card | 772091 | 128 MB |
| | 772092 | 256 MB |
| | 772093 | 512 MB |
| | 772094 | 1 GB |
| Mounting bracket | B9900BX | - |
| Door lock key | B8706FX | - |
| Remote control terminal | 438227 | For /KB1, /KB2 option |

Dimensions



For more details on all functions, see the DX1000/DX2000 catalog (Bulletin 04L41B01-01E).
 For more details on all specifications, see the DX1000N General Specifications (GS 04L43B01-01E).

Daqstation is a registered trademark of Yokogawa Electric Corporation.
 Microsoft, MS and Windows are registered trademarks or trademarks of Microsoft Corporation in the United States and other countries.
 Ethernet is a registered trademark of Xerox Corporation.
 Other company names and product names appearing in this document are registered trademarks or trademarks of their respective holders.

Application Software

| Model code | Description | O | S |
|------------|----------------------------|---|-----------------|
| DXA120 | DAQSTANDARD for DXAdvanced | | Windows 2000/XP |

A Yokogawa Commitment to Industry

vigilance[®]



What does Yokogawa **vigilance** mean to the future of your business? **Quality**. Through products that are built from the ground up and tested to the last hour, you're ensured continuous operation and more uptime. **Innovation**. Your business will benefit from new insights and capabilities, bringing true predictability to your process. **Foresight**. As the market changes, you'll have solutions that give you the continuity and flexibility to plan ahead and grow. Our partners know the difference. With Yokogawa, you can count on a lifetime of plant efficiency, from instrumentation to operation support. Let us be vigilant about your business.

YOKOGAWA ELECTRIC CORPORATION

Network Solutions Business Div./Phone: (81)-422-52-7179, Fax: (81)-422-52-6619

E-mail: ns@cs.jp.yokogawa.com

YOKOGAWA CORPORATION OF AMERICA

YOKOGAWA EUROPE B.V.

YOKOGAWA ENGINEERING ASIA PTE. LTD.

Phone: 800-888-6400, Fax: (1)-770-251-6427

Phone: (31)-33-4641806, Fax: (31)-33-4641807

Phone: (65)-62419933, Fax: (65)-62412606

NetSOL Online

Sign up for our free e-mail newsletter
www.yokogawa.com/ns/

Vig-RS-1E

Printed in Japan, 511(KP) [Ed : 01/b]

Subject to change without notice.

All Rights Reserved, Copyright © 2005, Yokogawa Electric Corporation.

YOKOGAWA