

Coming Soon

**DAQSTATION**



**YOKOGAWA** 

*World's First*  
**FOUNDATION™ Fieldbus-Compatible Recorder**

## DAQSTATION DX100/DX200

Another world-first from Yokogawa. DAQSTATION will support the FOUNDATION™ Fieldbus that's becoming the bi-directional digital communication standard for instrumentation in the 21st century.



**FOUNDATION**



**With Fieldbus connectivity, a DAQSTATION can:**

- ◆ Send its measured values to the host.
- ◆ Receive and record measured values from field instruments.
- ◆ Serve as a local display unit for Fieldbus devices.

### **FOUNDATION™ Fieldbus**

Unified 4–20 mA DC analog signals have long been used for signal transmissions for field devices at production sites such as industrial plants. A 4–20 mA DC signal, however, can only carry a single variable in a single direction between a field device and a control system.

Flexible integration of information from networks for more sophisticated plant control, requires a communication technique that has an open architecture and can transmit multiple variables in both directions simultaneously. An international standard field bus, FOUNDATION™ Fieldbus, was established to meet this need. Employing digital communication, the FOUNDATION™ Fieldbus is a next-generation field network that can dramatically increase the amount of data transmitted, reduce wiring costs, support a multivendor environment, and simplify control.

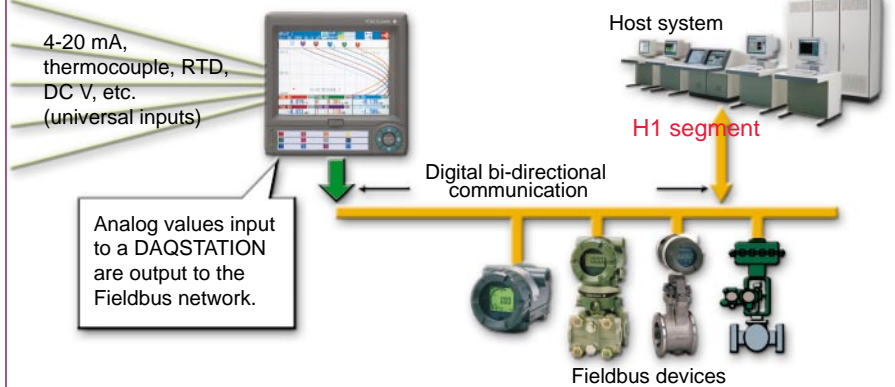
DAQSTATION web site  
[www.yokogawa.co.jp/Masurement/English/Bu/DX/](http://www.yokogawa.co.jp/Masurement/English/Bu/DX/)  
[www.yokogawa.co.jp/tm](http://www.yokogawa.co.jp/tm)

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### FOUNDATION™ Fieldbus-Compatible DAQSTATION Model

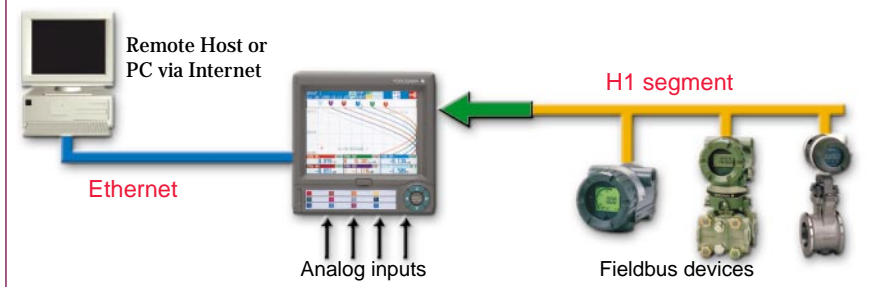
#### 1. Sending Measured Values to the Host

- Transition to Fieldbus using existing cables



#### 2. Receiving and Recording Measured Values from Field Instruments

- Digital inputs from the Fieldbus network
- Connection to a remote host or PC via Ethernet



#### 3. Serving as a Local Display Unit for Fieldbus Devices

Display of information on the Fieldbus in diverse forms including trend graphs, digital value tables, and bar graphs



#### Trademarks

FOUNDATION Fieldbus and a logo mark of Fieldbus-Foundation are registered trademarks of Fieldbus-Foundation.