Paperless Videographic Recorders

DX100/DX200

Functions

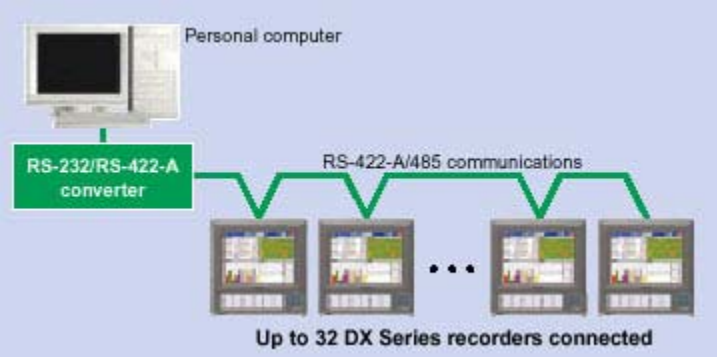
Seamlessly Link the Field and Office with DAQSTATION

Serial Communications

The serial communications option is an RS-232 or RS-422-A/485 (compliant) interface for the DX unit.

- **Serial Communications**

  The RS-422-A/485 interface lets you connect up to 32 recorders to a single host computer in a multi-drop configuration.



Modbus Communications

DAQSTATION supports the Modbus protocol (RTU master/slave), for easy installation on systems build using Modbus.

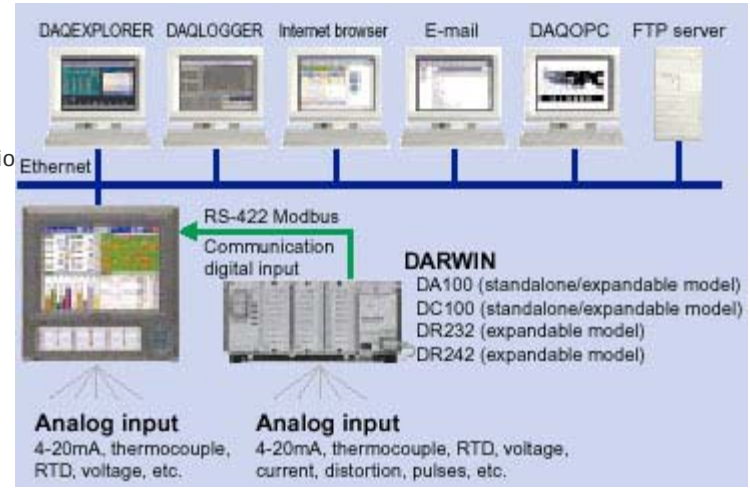
Modbus master function
The Modbus master function lets the DX unit read, display, and record digital data from slave devices.

- **DARWIN connection using Modbus**

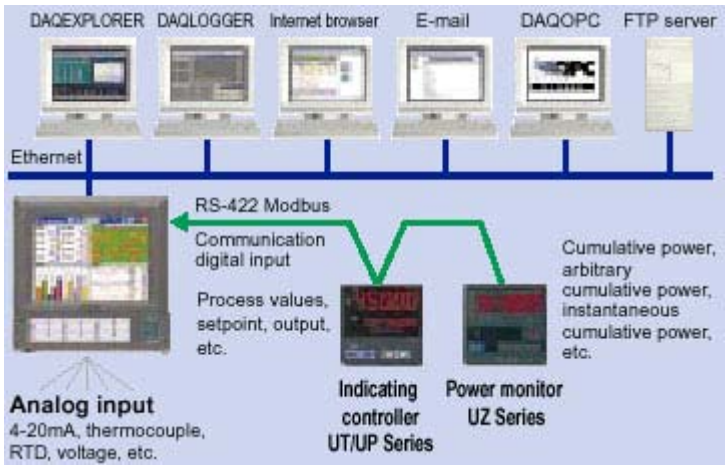
  A Modbus connection lets you input measurements and calculations from a DARWIN Series* data acquisition unit as digital data to DX unit calculation channels. This capability makes it

possible to increase the number of DX unit inputs by simultaneously using DARWIN Series measurement/calculatio channels.

* Communication module DT300-31/S6 is required. See the general specifications for DT300-31/S6 for further details.



- **Slave device connection using Modbus**



Data from Modbus-compatible devices can be input to DX unit calculation channels as digital data for displaying and recording. For example, the DX unit can produce trend displays and save data such as power monitor cumulative power, indicator regulator setpoints, process values, and outputs.
In addition, data from these devices can be used by DX unit network functions and network applications.
For information on the operating requirements of individual Modbus slave devices, see the specifications for the particular slave device.

Modbus Slave Function
A master device can read DX unit register values. In addition, data written to the register by the host system can be displayed and recorded on the DX unit.

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