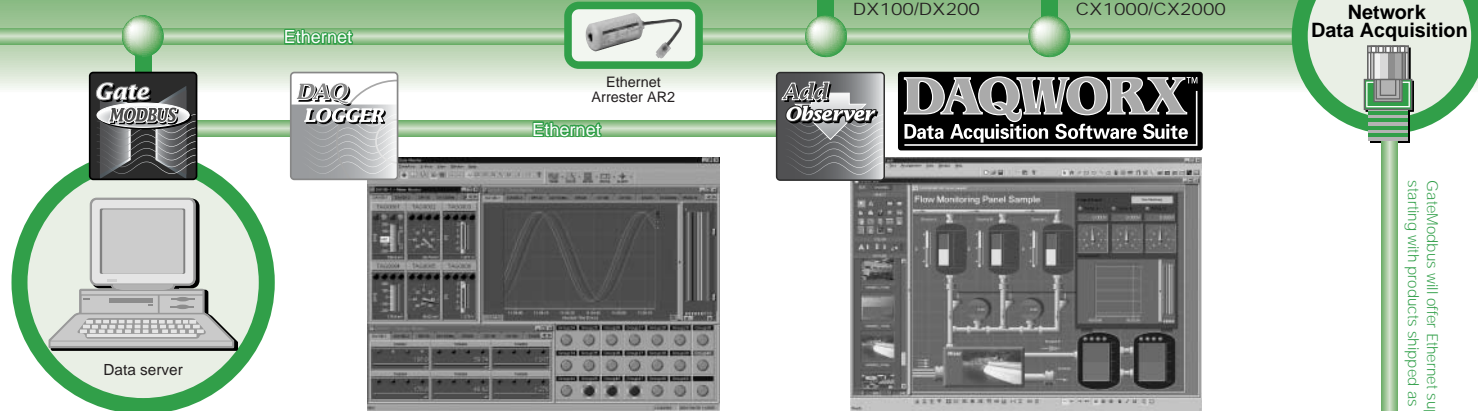


Temperature Controllers and Signal Conditioners Network Data Acquisition

LF 04L00L00-81E

By allowing direct connection to a network (Ethernet 10Base-T), wiring labor, communication converter costs, and man hours for construction of a system program can be reduced. Our lineup supports the conversion of instrumentation to a networked configuration, fast installation, and reduced system setup costs.



- GateModbus is a software interface for connecting devices that support the Modbus protocol with DAQLOGGER data logging software. Allows connection of controllers, power monitors, and signal conditioners to the network (Modbus/TCP) for a small scale instrumentation system that can be set up quickly.
- Reads the input and holding registers from up to 200 channels of various measuring instruments.
- Supports the Ethernet (Modbus/TCP protocols)
- AddObserver monitor design software, an add-on for DAQLOGGER, lets you create the custom monitors that are optimal for your measuring environment.

Digital Indicating Controllers carries Ethernet Communications

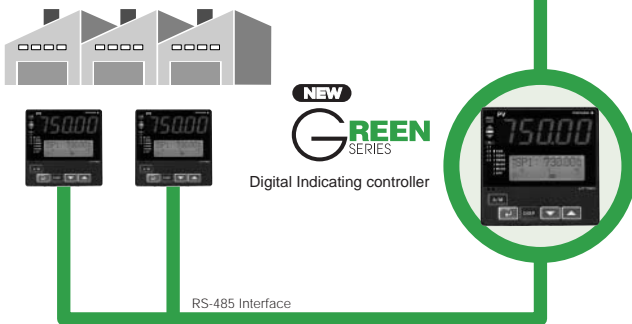
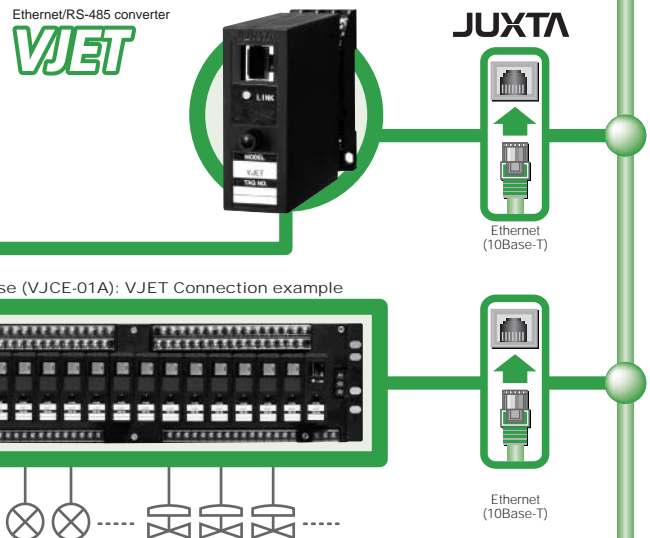
DAQLOGGER and GateModbus Enable Data Acquisition on the UT551/UT351 Digital Indicating Controllers via Ethernet

- **Ethernet Interface**
Helps you reduce wiring man hours and the need for converters.
- **Modbus/TCP**
Cut back on man hours needed for creation of system programs. IP addresses can be set using front panel keys.
- **Gateway Function**
Supply data to the system program through an RS485-Ethernet connection using existing controllers (RS-485 Modbus).
- **Active Display**
View changes in control status instantly with color display of measured values (for example, changes from green to red when alarms occur).

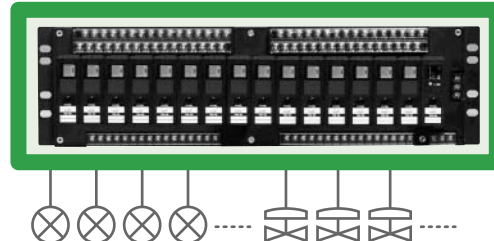


Monitor field signals via Ethernet

- Enables monitoring of temperature, pressure, amount of flow, and pulse signals all from a single location. Up to thirty-one units can be connected using VJET (conforms to RS-485 communication specifications).
- Using an attachment base for communications (VJCE-01A) allows reduced wiring for communication and power supply.
- Create network connections among instruments with the RS-485 communication interface via VJET using an RS-485/Ethernet adapter, such as the Power Monitor, Green series digital Indicating controllers, and UT100 series of temperature controllers.



Mounting Base (VJCE-01A): VJET Connection example



Compact Plug-In Converters: VJ Series

- A compact, plug-in type signal conditioner with high functionality, high performance, space saving design.
- 8 types line-up: DC voltage, DC current, temperature, pulse, potentiometer input, computing units.
- Simultaneous output of analog (output 1) and communications (output 2).



* When connecting to VJET, select output 2 for communication.

GateModbus will offer Ethernet support (Modbus/TCP) starting with products shipped as of September 1st, 2004.