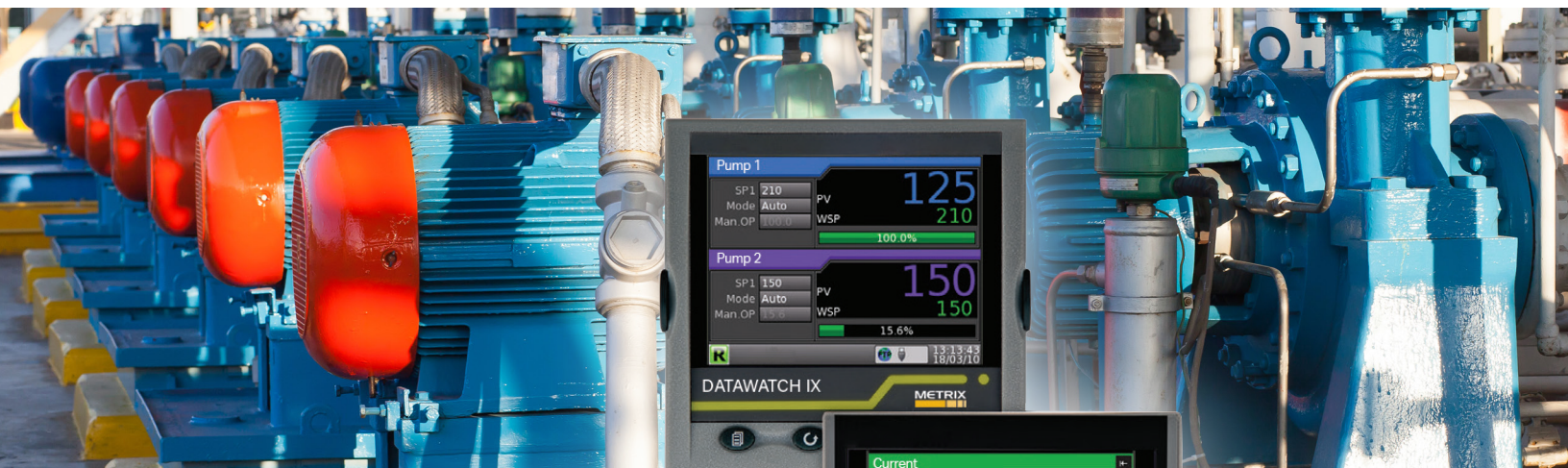




DATAWATCH IX

Graphical monitoring and data recording combined with alarm capabilities



DATAWATCH IX Monitor



The Datawatch IX monitor offers excellent graphical display combined with alarm capabilities, including an alarm panel and alarm status. The compact panel mount unit offers four (4) or eight (8) high accuracy universal inputs for data monitoring. There are also 30 available Modbus inputs that come standard, and can be displayed in a list in the Datawatch IX monitor. This data recording device is enhanced by a full color, ¼ VGA, 320 x 240 pixel display to bring a crystal clear operator interface to even the smallest of machines.

Better Recording Strategy

The recording functionality within the DATAWATCH IX instrument contains decades of knowledge and understanding of the requirements of capturing and storing electronic data. We understand that different applications have different needs and the DATAWATCH IX recorder can store your information in either open CSV format or in a secure, check summed format to protect data integrity. Whichever format you choose for your process we have the tools to help you keep this data safe, get it to the place you need and in the format you require.

- 50MB Flash memory for data storage
- 8Hz sample and recording rate
- Secure, binary data or open (CSV) data files
- 4 universal input channels (8 optional)
- 30 additional channels for use as mathematical functions, Modbus inputs or counters

The DATAWATCH IX recorder has a variety of ways in which you can view your data: bar graph, trend, or numeric values. The clear full color display, with your data in the format you need, makes it easy for operators to see what is happening. The push buttons below the display also enable simple scrolling between configured views.

Each DATAWATCH IX instrument contains 50MB of non-volatile Flash memory for data storage. All input data is continually logged to this memory and the recorder offers multiple archive strategies to ensure that your data is not lost.



Designed for ease of use



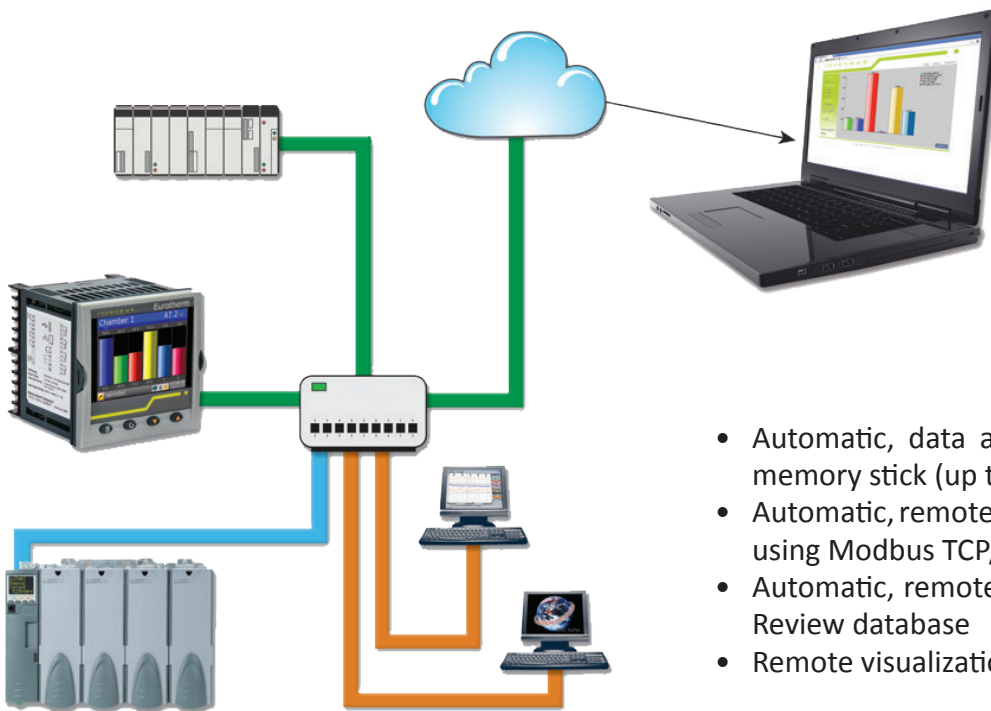
The DATAWATCH IX instrument can be configured using iTools software (included). Any configuration created for a DATAWATCH IX recorder can be stored, modified off line and/ or cloned for use in other instruments. This makes the spares holding simple and flexible and vastly reduces engineering and any down time that may occur. iTools also provides a Graphical Wiring Editor reducing the engineering time for even the most sophisticated configurations.

- Clone and download complete configurations to an instrument quickly and easily
- Reduce engineering and downtime
- Reduce spares holding requirements

Get your data in the way you need it

Ethernet/IP Connectivity

The DATAWATCH IX is supplied with Modbus TCP/IP over Ethernet connectivity providing support for either Client or Server modes of operation. This simplifies integration with Programmable Logic Controllers (PLC), Distributed Control Systems (DCS) and Supervisory Control and Data Acquisition Systems (SCADA).



- Automatic, data archiving to removable USB memory stick (up to 8GB)
- Automatic, remote data archiving over Ethernet using Modbus TCP/IP communications
- Automatic, remote data archiving directly into Review database
- Remote visualization via Web server

One of the many unique features of DATAWATCH IX archiving strategies is to provide 'Store & Forward' functionality at the instrument level.

'Store & Forward' is a self healing, validated archiving system that automatically stores data in the measuring device during a communications failure and then forwards this to the central historian when communications have been reinstated. This results in secure electronic recording with total data integrity.

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