DX2 Data Sheet

Overview

DX2 is the latest addition to the DX range of web enabled remote communications terminals (RCTs) delivering a high level of quality and performance as expected from every Dexdyne system.

This entry-level unit has been specifically designed and engineered for applications where continuous monitoring is essential on a modest budget.

DX2 is supported by the easy to use cloud based Enterprise Dashboard interface. This can provide valuable user facilities such as real-time access to live mimics. You can visualise and control remote processes from a single login to any web enabled device; iPad, iPhone or Android.

Live data acquisition, SMS alerts, reports, graphing and data downloads in CVS or XLS format are standard features. Reports can be delivered automatically as emails helping to maximise efficiency and the day to day management of any remote operational site.

How does it work?

The ***DX2*** unit connects seamlessly to all existing equipment. There is no need to change any of your current infrastructure. It can connect to your plant signals directly via I/O or Modbus serial links over an RS485 connection. Other protocols can also be supported to enable the ***DX2*** to deliver critical business information about your remote processes. ADSL landline or built in GSM/GPRS/3G modems connectivity comes as standard; delivering acquired Data at a user configurable frequency to the Cloud based dashboard over a secure link.

The RCT has no moving parts, eliminating any risk of mechanical failure, electrical shorts and surges which may cause problems. Your data is always secure with the ***DX2*** unit.

Applications

DX2 RCTs are suitable for all operational applications.

- Standby Gensets with or without controllers
- Pump monitoring
- Energy sub-metering
- Refrigeration & Air condition monitoring
- Environmental monitoring
- Compressor monitoring
- Lift monitoring

Technical Specification

External Communication	10/100 Ethernet Port for Internet Connection Wireless GSM/GPRS/3G GPS (optional)
Plant Communication I/O	RS232 RS485 (Multi-drop) 4 x Digital Inputs(0-24V) 4 x Digital Outputs 24V@150mA/channel max 4 x Analogue Inputs 0-10V 12 bit resolution
Plant Communication Protocols	Modbus/TCP Modbus/RS485
Alarm Reporting	SMS Messaging
Security	2048-bit SSL Multi-user, multi-level password-protected access
Data Logging	Scalable logging of data from connected equipment
Software Update	Remote software update capability
Hardware Features	Low-power No moving parts
Physical Features	Dimensions: 91 x 106 x 61 mm Weight: 300 grams Operational Temperature Range: 0-55 °C Humidity: 0 - 85% Non condensing Power Supply-10-30V DC Power consumption: 6W typical under normal operation 12W typical when modem is transmitting