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DISCONTINUED: Squirrel SQ2040-2F16-WiFi Data Logger

Product Images

Short Description

The Squirrel SQ2040 Wi-Fi series combines a high channel, high performance, universal inputs with the simplicity of Wi-Fi networking in a compact and portable instrument.

Description

The Squirrel SQ2040 Wi-Fi series combines a high channel, high performance, universal inputs with the

simplicity of Wi-Fi networking in a compact and portable instrument.

High performance wireless data loggers for demanding applications

- Fully configurable via the integrated keypad - New!
- 128*97 dot graphical LCD display -New!
- Compatible with B, C, D type thermocouples -New!
- Integral Wi-Fi Ethernet networking
- High precision (0.05%)
- Advanced data management, to MMC/SD or PC
- Flexible communications (USB, Ethernet, RS232)
- High speed option (100Hz on 4 channels)
- Various Remote connection options e.g. via Ethernet or dial up modem

Additional Information

Explanation	Using multiple 24-bit analogue to digital convertors, twin processors and removable memory and Wi-Fi networking the SQ2040 Wi-Fi provides great flexibility to handle a wide range of complex and demanding multi-channel applications. The Squirrel SQ2040 Wi-Fi series is ideal for industrial, scientific research and quality assurance applications. The SQ2040 Wi-FI provides standalone data acquisition, advanced networked solutions and data analysis straight out-of-the-box. Key features: • 16 true differential or 32 single ended universal analogue inputs for voltage, current or resistance measurements plus 2 high voltages, 4 pulse and 8 digital event/state inputs • Analogue inputs can be used with thermistors, thermocouples, 2,3 or 4 wire RTD temperature sensors and 4 - 20mA signals • User selectable logging rates of up to 100Hz on up to four channels • Standard (802.11b) wireless (Wi-Fi) Ethernet networking, USB and RS232 communication ports • Large non-volatile internal memory storage for up to 14 million readings • Download of internal data to removable MMC/SD (Multi Media Card / Secure Digital) memory card • Sensor power and FET outputs for use with external devices • Easy to read LCD and simple 4 button user interface • Calculated channels derived from real channels using advanced mathematical functions e.g. log(x); ln(x); sqrt(x) Analogue inputs supported: • Thermistors • Thermocouples • Pt100/Pt1000 (maximum of eight 3- or 4-wire Pt100/1000 sensors - model 4F16 only) • Voltage • Current • Resistance
Promotion	**This product has been discontinued. See our full range of data loggers**
Brand	Grant
Channel(s)	32
Typical applications	Environmental (Indoor)
Measurements	Universal