



# **iRIS 320 Datalogger**

**A New Standard in Remote Data Acquisition**



**Portable Rugged Reliable  
GSM, CSD, GPRS, CDMA, Radio**



**Creativity, Innovation & Excellence in High Technology**

# iRIS 320

**Self-contained datalogger for cost-effective remote data acquisition**

**4 input channels plus internal battery and temperature monitoring**

**2 output channels for remote control**

**SDI-12 and RS232 interfaces**

**Integral wireless data modem with GPRS, CDMA, CSD and SMS support**

**Integral 12V battery, charger, LCD and lockable keypad**



## **The ideal choice for cost-effective remote data acquisition**

The iRIS 320 is a compact, self-contained datalogger featuring an integral keypad, LCD, 12V battery, charger and GSM GPRS or CDMA module. With 4 analogue/digital inputs and SDI-12 connectivity the iRIS 320 will give you instant access to your data from anywhere in the world from any Internet-equipped PC.

## **Full remote configuration**

The iRIS 320 can be configured locally via a laptop or remotely across the wireless network, giving you unprecedented flexibility, without having to leave your desk.



## **Design and build you can rely on**

Our reputation for producing rugged, durable hardware is immediately apparent in the iRIS 320. With a 2 piece milled case constructed from corrosion-resistant hard anodised aluminium alloy and a full gasket seal for IP65 rating, the iRIS 320 has been designed, tested and proven for use in the harsh New Zealand outdoors, whether on the top of a mountain or the bottom of a farm.

## **Powerful on-board scheduler and alarm manager**

All inputs on the iRIS 320 can be programmed with alarms, triggering call-ins, SMS text messages or switched outputs. The GPRS/CDMA communication system can be scheduled for power saving, triggered by alarm conditions, or permanently active for immediate data access. Digital outputs can be controlled by input triggers, schedules, remote control or user programs.

## **Intelligent power management**

The iRIS 320 has full software control over the various on-board componentry, allowing excellent power saving to be achieved without compromising data availability. For prolonged remote use, a small solar panel or power supply can be attached directly to the iRIS 320 via its integral charger/regulator.

## **Full remote connectivity**

In addition to its on-board GPRS or CDMA module, the iRIS 320 also supports direct connection to common data radios and also features an RS232 port for connection to a PC, laptop or other device. This ensures you can get at your data no matter what your situation or location.

