

- » for remote and mobile applications
- » easily accessible data on demand across a network
- » wireless data transfer to a PC

# Communications accessories for Squirrel data loggers

## GSM modem kit

- » Allows connection to any Squirrel data logger remotely
- » Uses GSM cellular network, ideal where no land lines are available
- » Operates on dual band versions 900 MHz and 1800 MHz
- » Suitable for most applications including use at urban sites, remote sites or in mobile applications
- » Collects data at speeds up to 9600 baud
- » Supplied with connecting cable, power lead and antenna



### GSM modem kit\* »specification

Power supply (external adaptor cable included to power from optional SQ mains adapter – MPU12)	8 to 40 VDC
Current consumption (when transmitting)	<160 mA
Current consumption (when in standby)	<20 mA
Environmental operating temperature	-20 to +55°C
Sensitivity (FME antenna connector; operates on dual band versions 900MHz & 1800MHZ systems)	108 dB
Communication	V24 / RS232C, 9 pin sub-D 2.4, 4.8, 9.6, 14.4 kb/s
LED indicators	for CD, RI and GSM contact
Dimensions	115 x 65 x 23 mm, weight 140 g

\*Grant software and data cable required (along with data enabled SIM card from mobile phone service provider)

## RS232 to Ethernet converter

- » Converts a Squirrel data logger's RS232 output into Ethernet for remote or distributed monitoring
- » Allows the logger to plug in at any point on an existing Ethernet network making data easily accessible to anyone
- » No modification to logger required
- » Requires an existing Ethernet network for connection



### RS232 to Ethernet converter »specification

Power requirements (external adapter cable included, powered from optional SQ mains adapter – MPU12)	7.5 to 24 VDC 240 mA @ 7.5V, 75 mA @24V
Environmental operating temperature	+5 to +50°C
Dimensions	28 x 42 x 65 mm

## Wireless RS232 converter

- » Transmits the Squirrel data logger's RS232 output wirelessly to a PC running SquirrelView
- » Maximum range is 500m using an external antenna (100m as standard)
- » Baud rates of up to 116 K; 2.4GHz frequency
- » Plug and play configuration and via the in-built communications wizard in SquirrelView
- » Low power consumption

