Accessories
Communications accessories

GSM modem kit*

» Allows connection to any Squirrel data logger remotely

» Uses GSM cellular network, ideal where no land lines are available

» Operates on Quad band versions 850/900/1800 MHz and 1900 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)	5.5 to 32 VDC
Current consumption (when transmitting)	< 480 mA @ 5.5V
Current consumption (when in standby)	< 20 mA
Environmental operating temperature	-30 to +75°C
Sensitivity (SMA antenna connector; operates on quad band versions 850/900/1800 & 1900MHz systems)	109 dB @ 900 MHz
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 (l x w x h)	73 x 54.5 x 25.5 mm, weight 80 g

* Requires modem with analogue phone line on receiving PC
**Grant software and data cable required (along with data enabled SIM card from mobile phone service provider)

RS232 to Ethernet converter (1-F8, Wi-Fi and SQ2010 loggers only)

» Converts the original 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 (needs an external mains power pack for Netport to operate)

» 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 (l x w x h)	28 x 42 x 65 mm

Wireless RS232 converters (set of 2: for PC & logger)

» 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

» External adaptor cable included, powered from SQ mains power pack MPU12