

Guardian 3G HUB Technical Specification



The Guardian 3G HUB is the physical interface between our radio temperature transmitters and our Guardian systems internet WEB server.

Every sixty seconds the HUB receives the radio signals sent from the temperature transmitters and stores them onto a secure flash memory card. Every three minutes they are re-transmitted, via the 3G network and the internet, directly to our secure server.

In the unlikely event of a break in either the 3G service or the internet the HUB retains the records whilst continuously scanning the mobile networks looking for a connection. Once the new connection is established the records are sent, using time compression, ensuring that up to date records appear on the system in the shortest possible time.

The HUB also has an integrated WiFi interface for simple wireless setup.

Specification:-	3G Guardian HUB
3G	HSUPA Tri-band: 850/1900/2100MHz EDGE Quad-band: 850/900/1800/1900MHz
WiFi	802.11b/g/n
3G Recovery	Static IP ping fail-back mode
SIM	Multi Network SIM Optional wired Ethernet link, Optional WiFi internet link
Sensor Receiver	868 MHz (licence free)
Supply	230Vac mains 2 Core > 2 metres Optional 12 / 24Vdc Vehicle Supply Optional Battery Backup 2, 4, 8 hours
Consumption	< 20 watts
Dimensions	Excluding Antenna 254 x 180 x 62mm, Inc Antenna 474 x 180 x 62mm
Enclosure	IP65 Polystyrene Body Colour Grey;
Mounting	Wall Mount 4 x 5mm Screws (not supplied)