

# 6808A-3G StarCommand Modem Module



- Packet switched data
- CSD (Circuit Switch Data) (network dependant)
- Remote AT command configurable
- Remote/local user interface
- Extended AT command set
- External DC power
- Wide ranging input power
- Supports TCP/IP, UDP/IP Stack
- Inbuilt periodic reset
- RS232 or RS485 (RJ45, hardware option)
- HSPA/EDGE/GPRS/GSM module
- External SMA (Female) antenna

The 6808A-3G StarCommand Modem Module is a cost effective serial modem where standard features of data communications are required.

The 6808A-3G StarCommand Modem Module provides the capability to use pull telemetry across the cell phone network, to utilise the StarCommand capability of Unidata loggers. It can be used in conjunction with the Unidata Neon Push telemetry, for diagnostic purposes or it can be used as a standard pull telemetry system.

It has all the essential functionality for today's M2M environment including Packet Switch Data, Circuit Switch Data and IP Stack are available. This device is ideally suited for low power and low data rate applications.



## Physical specifications

<b>Size:</b>	75mm x 55mm x 30mm
<b>Weight:</b>	500 grams
<b>Operating temperature:</b>	-20°C to 60°C
<b>Humidity:</b>	5 to 95%

## Electrical specifications

<b>Frequency Bands:</b>	WCDMA/HSPA 800 MHz, 850 MHz, 900 MHz, 1900 MHz, 2100 MHz, GSM/GPRS/EDGE 850 MHz, 900 MHz, 1800 MHz, 1900 MHz
<b>Sensitivity:</b>	6.5dbi gain via high gain antenna for low coverage areas
<b>Power:</b>	9 ~ 36 V DC (reverse polarity protection) Active Mode: 100mA @ 12V Operating Systems Dormant Mode: 20-30mA @ 12V
<b>Connections:</b>	RJ45 Connector for Serial communications (RS232) Mini USB connector SIM Card Antenna Connector SMA Female Reset Button
<b>Data Speeds:</b>	HSPA: UL 5.76 Mbps / DL 7.2 Mbps WCDMA PS: UL 384 Kbps / DL 384 Kbps WCDMA CS: UL 64 Kbps / DL 64 Kbps GPRS/EDGE: UL 236 Kbps / DL 236 Kbps GSM CS: UL 9.6 Kbps / DL 9.6 Kbps



Available from:  
**Unidata Pty Ltd** 40 Ladner Street, O'Connor, 6163, Western Australia Tel: +61 8 9331 8600 info@unidata.com.au

[www.unidata.com.au](http://www.unidata.com.au)