

# GSM/GPRS Modem

**iLink** is an industrial grade Dual Band GSM900 and GSM 1800MHz GSM/GPRS modem that supports SMS or Wireless Data Transfer via a built in TCP/IP stacks.

Designed for mission-critical and demanding conditions, i-Link built in a proprietary Restart Control Feature that restarts the Modem when it hangs or functions abnormally. This feature is particularly useful for systems installed or housed in Data Centres as access to the location is restricted.

I-Link comes in 2 different models, I-Link 8200-U with USB connection and I-Link 8200-S with serial interface. Every I-Link package comes with the I-Link Modem, the USB or Serial connection cable, 3 meter Antenna Cable with magnetic base, a CD containing the User Manual, AT Command Guide and a Sample Program for testing.

**\*\*Restart Control** is an innovative feature where an application can power-restart the GSM Modem via the Serial Interface control signal. This gives the application the capability to recover from any critical error should the modem engine be hung, thus eliminating the need for a manual powering off/on of the modem.

**Restart Control**

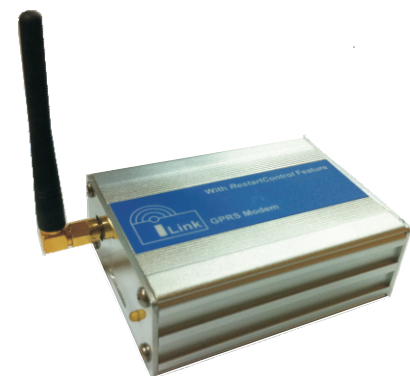
**Data / Fax / SMS**

**TCP IP Stack**

**External Antenna for superior reception**

**Comprehensive AT command Set**

**USB or Rs232 interface options**



General		
Frequency	Dual Band GSM 900 / 1800 MHz	
Output Power	Class 4 ( +33 dBm +/-2dB ) GSM 900 / Class 1 ( +30 dBm +/-2dB ) GSM 1800	
Ambient Operating Temperature	-20 to + 55 degree Celsius	
GSM/ GPRS Features		
Data Transfer	GPRS Multislot class 10 Full PBCCH support Mobile Station Class B Coding Scheme 1 - 4 CSD: V1.110, RLP, non-transparent, 2.4, 4.8, 9.6, 14.4 kbps USD: PPP-Stack for GPRS data transfer	
SMS	Point-to-point MT and MO Cell broadcast Text and PDU mode	
Fax	Group 3; Class 2 and Class 1	
Software		
AT Commands	Hayes 3GPP TS 27.007, TS 27.005 Cinterion Wireless Modules AT commands	
TCP / IP Stack	Protocols : TCP, UDP, HTTP, FTP, SMTP, POP3 Access by AT commands	
Interfaces		
SIM Interface	Supported SIM cards: 3V, 1.8 B	
Antenna	3 meter magnetic base antenna	
Physical (Base Unit)		
Dimension	90 mm x 63 mm x 40 mm	
Weight	200gm	
Dimension	iLink NT8200-U	iLink NT8200-S
Interface	USB	9 PIN D-SUB
Power Adaptor	N/A	120 / 240 VAC to 12 VDC / 1A switching power adapter
Type Approval	IDA S1312-09	200gm