



iLink GPRS Modem

with Innovative **RestartControl*** Feature



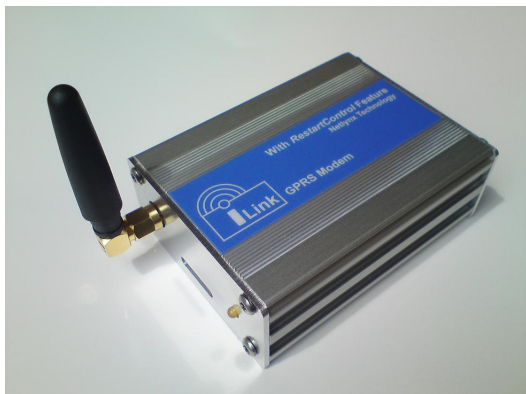
iLink is an industrial grade GPRS modem that is specially designed for mission-critical and demanding conditions.

iLink comes with either RS232 or USB interfaces, so you can select one that best suits your needs. Both models come with external 3 meter antenna for superior signal coverage.

iLink can be used in any solutions that support modem connectivity, such as Telemetry, M2M, Remote Dial-up connections, SMS applications etc.

What makes iLink stand out from the rest of the crowd is its innovative **RestartControl*** feature. It provides the capability for applications to hard-restart the modem which would otherwise require someone to physically be there to restart the modem.

This is important in situations where the system is expected to run unattended, and run reliably without human intervention.



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iLink GPRS Modem Data Specifications

Typical Usage:

Metering

M2M communications

SMS Gateways

Security

Remote Monitoring

Key Features:

RestartControl Feature

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	200 gm

Model	iLink NT8200-U	iLink NT8200-S
Interface	USB	9 PIN D-SUB
Power Adapter	N / A	120 / 240 VAC to 12 VDC / 1A switching power adapter

* RestartControl Feature

RestartControl 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.