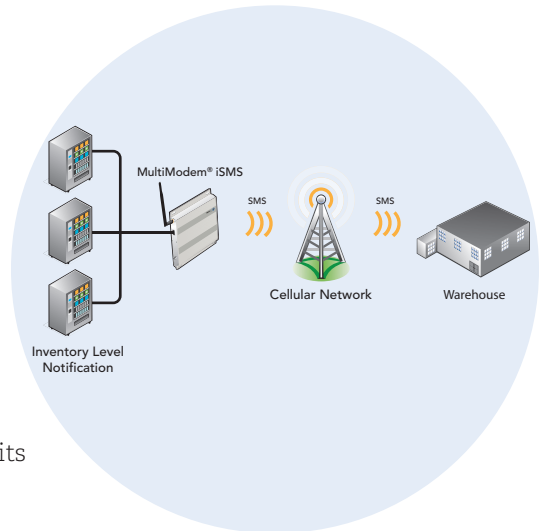# MultiModem® iSMS

Intelligent SMS Server

The MultiModem® iSMS intelligent SMS server gives low-bandwidth applications the ability to send information by reliable, affordable SMS text messages. The solution is easy to implement, by just inserting a SIM card and plugging into an Ethernet network, you can be connected within minutes to the cellular GSM network. Once connected, applications can send instructions, status updates, alerts, or other information to other systems or personnel. Users can even use the MultiModem iSMS server to configure applications in the field.

Features

- API commands allow businesses to integrate SMS text messages directly into their systems and applications

- 1, 4, and 8 port models allow scalability for applications of any size

- Sends SMS text messages to specified machines and/or personnel

- Organizes recipients into as many as 50 distribution groups depending on the type of information communicated

- Allows multiple concurrent users

- Address book allows import of a standard csv file format

- External load balancing for distributing loads among multiple units on the same network (SF100-G model)

- Allows setup of up to 100 pre-configured messages

- Sends pre-defined SMS based on receipt of matching SMS and/or phone number

- Setup user accounts with different permissions

- Integrated quad-band GSM modem(s)

- Web-based configuration and management

- Flash memory to update firmware with the latest enhancements

- Desktop or panel mounting

- Two-year warranty

Patent pending technology

Highlights

Applications. The MultiModem iSMS intelligent SMS server gives businesses a good solution for applications needing data communications where IP connectivity is difficult to obtain. Ideal applications include:

- Location and Time Coordinates
- Inventory Level Notices
- Threshold Alerts
- Meteorological Readings

Ready-to-Use SMS Server. The MultiModem iSMS intelligent SMS server solution includes an integrated server, database and quad-band GSM modem(s) in one compact device. Setting it up is a simple process of connecting to the application network, inserting a properly configured SIM card(s) (not included) and configuring from a network-connected PC using a web interface. Connected applications can send operating parameters, status updates, and other information via SMS text message.

Integrates with Third Party Applications. The utility of MultiModem iSMS intelligent SMS server is greatly enhanced by the API functionality. Developers can integrate the MultiModem iSMS into their applications for superior customization, automation and compatibility.

Automatically Trigger SMS Messages. Using the API, applications can send pre-configured SMS messages to defined groups. When the application needs to communicate information, the API allows the application to select a pre-configured message and broadcast it to a specified distribution group.

Easy Set-up and Management. Recipient names and phone numbers can be entered using a network connected PC or incoming call. The address book can contain up to 20,000 entries with support for sorting, searching and group set-ups.

Comprehensive Service and Support. The Multi-Tech commitment to service means we provide a two-year product warranty and service that includes telephone technical support, 24-hour web site and ftp support.

Specifications

Hardware Interface
Network: 10/100BaseT
Connector: RJ-45 Ethernet connection/DE9

Modem
Quad-band GSM 850/900/1800/1900 MHz

SIM Connector
Standard 3V SIM receptacle

Antenna Connector
RF Antenna, 50 ohm SMA (female)

SF100 External Power Supply
Input: 100-240V, 0.5A, 50-60 Hz
Output: 9VDC, 1.7A

SF400/800 Universal Input Power Supply
Input: 100-240VAC, 1.8 – 1.0 A, 50/60 Hz

Physical Description
1-Port: 6.4" w x 1.2" h x 6" d; 1.25 lbs.
(16.3 cm x 3.0 cm x 15.2 cm; .56 kg)
4-Port: 17.4" w x 1.75" h x 8.5" d; 7.75 lbs.
(44.2 cm x 4.5 cm x 21.6 cm; 3.52 kg)
8-Port: 17.4" w x 1.75" h x 8.5" d; 8.00 lbs.
(44.2 cm x 4.5 cm x 21.6 cm; 3.64 kg)

Operating Environment
Temperature range: +32° to 120° F (0° to +50° C)
Humidity range: 20-90% noncondensing

Certifications
CE Mark, R&TTE
EMC: FCC Part 15, 22, 24; IC RSS 132, 133, 102;
EN 55022, EN 55024, EN 301 489-1, EN 301 489-7,
EN 301 511, ACIF S042.1, ACIF S042.3
Safety: UL 60950-1, cUL 60950-1, IEC 60950-1,
AU/NZS 60950
Network: PTCRB

Ordering Information

Product	Description	Region
SF100-G	1-Port Intelligent SMS Server	Global
SF400-G	4-Port Intelligent SMS Server	Global
SF800-G	8-Port Intelligent SMS Server	Global

Specify country when ordering.

Made in Mounds View, MN, U.S.A.

Features and specifications are subject to change without notice.

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Systems