Intelligent Security System

LS-30

A system combining wireless security, home automation and IP technology, ushers in a new era for the smart home or business owner.
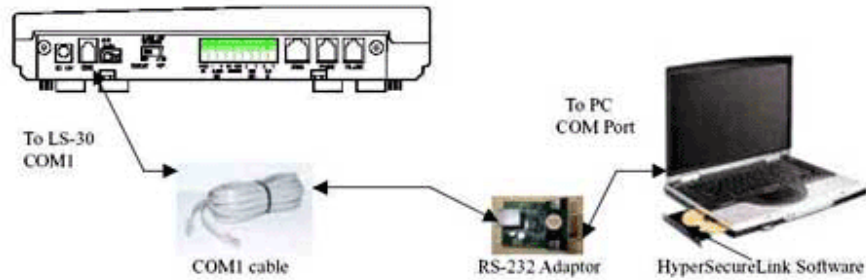

Features

- Security and home/business automation.
- Computer and Internet interface.
- Calls up to 10 people when activated with up to 5 alert messages, 'Burglar' 'Panic' 'Fire' 'Medical emergency' and a message for temperature hi/low sensor.
- 288 sensors/ zones can be accommodated made up of:
    - 32 Controller / Panic Devices, Remote Controllers, Key Pads.
    - 128 Burglary Sensors. Door/window sensors, PIRs (Passive Infrared), Glass Break Detectors
    - 64 Fire Sensors Smoke Detectors, Gas Detectors.
    - 32 Medical Help Transmitters Medical Buttons, Inactivity Detectors.
    - 32 Special Sensors: Flood Detectors, Temperature Sensors, Humidity Sensors.
- System can be simply programmed using HyperSecureLink software and RS-232 adapter in minutes. Connect to a router using an Ethernet adapter and system can be controlled remotely over the internet. **(See diagram below)**
- Interactive programming with 16 x 2 LCD display. Just answer Yes/No prompts to program.
- Detailed 512 events log with time tag.
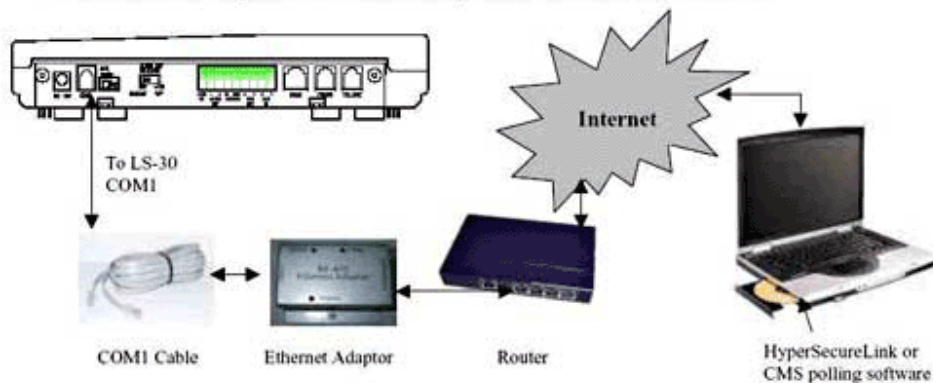- User Password: 10

- 16 programmable X-10 switches. Activate electric appliances or lighting **(See diagram below)**
- Receiving RF signal strength indication and jamming detection.
- Robust multi-million RF coding and special transmission timing design avoiding interferences.
- Responds to panic, burglary, fire, medical alarm and environmental hazards. Plays recorded messages via phone informing of different alerts .
- Burglar zones with supervised sensors. Base unit will alert low battery or sensor communication problem.
- Door and window open/ close detection.
- Selects partial arming, program each sensor, on off, delay, door chime.
- Built in screamer siren.
- Panic/emergency button .
- Built-in voice dialer stores up to 10 phone numbers, one pager and 2 Central Monitoring Station data links. **(Contact ID protocol).**
- Hands-free speakerphone, two-way voice communication. listen in and speak to anyone present.
- Dial-in control of listen-in, arm, disarm, event report and automation control.
- Latchkey function to inform parents by phone when kids leave or return home.
- Built in rechargeable backup battery,
- Optional range extender.
- Optional GSM communication module if not using phone line.
- Large range of accessories available. **(See below)**

A-2. Connection Diagram for RS-232 Computer Interface

To LS-30
COM1

To PC
COM Port

COM1 cable

RS-232 Adaptor
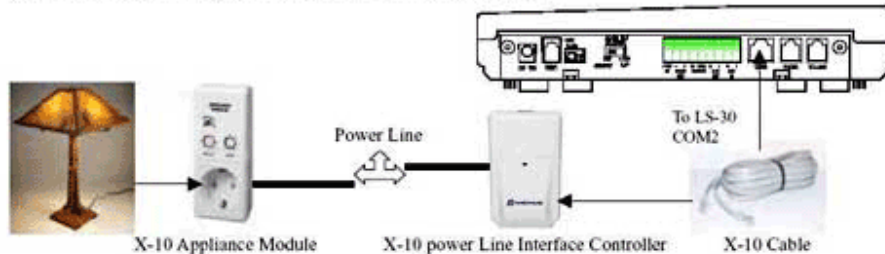
HyperSecureLink Software

Note: If a series COM port is not available on your PC, you can use an **USB to COM Port Adaptor** to connect to your computer.

A-3. Connection Diagram for Ethernet Adaptor and Internet Remote Access

Internet

To LS-30
COM1

COM1 Cable

Ethernet Adaptor

Router

HyperSecureLink or
CMS polling software

A-4. Connection Diagram for X-10 Power Line Interface

Power Line

To LS-30
COM2

X-10 Appliance Module

X-10 power Line Interface Controller

X-10 Cable

The LS-30 system includes a full range of accessories, (see below) so you can customize many features of the system.

All the radio transmitters used in the LS-30 system, except the Remote Controller, have a unique random code that is set by the factory, with 16,777,216 combinations in total.

The Remote Controller uses copy-preventing hopping-code technology, changing its radio code every time you press the button. The combinations possible through this hopping-code are up to 7.3×10^{19}.

You may enroll all the wireless accessories and change their related settings, either through the guidance of the interactive LCD display on the Base Unit which is done simply by pressing yes/no button on base unit. Or by using a computer with the proprietary software "HyperSecureLink through an interface adapter, which offers a

quicker and simpler way to perform the installation.

Sensors send 'check-in' signal regularly to base unit. When Tamper or Low Battery condition is detected, it reports automatically.

A 4-button remote for system control.

X-10 power switch for home appliance or light control

A wristband device for emergency help. Transmits a signal to the base unit to display on ...

Connects to LS-30 base unit and a router which has an internet connection.Access (an ...

Sensor on end of cable triggers sender unit if water is detected where installed ...

Detection: LNG (Liquefied Natural Gas) and LPG (Liquefied Petroleum Gas) Alarm Sensei ...

GSM-30 Module

GSM-30 terminal eliminates the need for a land-line. Simply insert a sim card and connect ...

RS-232 Adapter

Connects to PC and base unit with cord supplied. Provides easy way to program the system through HyperSecureLink software.

Wireless Door/Window Contact

Power Source: two AAA alkaline batteries.Current Drain: 5uA @ standby, 20mA @ operat ...

Wireless Glass Break Sensor

Power Source: two AAA alkaline batteriesCurrent Drain: 5uA @ standby, 20mA @ operati

Wireless Internal Siren

Comes with 12V/230V adapter and built in back up batterySimply connect to a power ...

Wireless Keypad

Power Source: four AAA alkaline batteriesCurrent Drain: 4uA @ standby, 36mA @ operat ...

Wireless Pet Immune PIRThis PIR

detector will not activate the alarm system when a pet is less than 60cm high and ...

Wireless PIR Sensor

Wireless Range Extender

Extends the range of wireless sensors

Wireless Siren and Strobe Light

Power: 12V DCCurrent: about 25mA @ standby, 135mA @ activationBack-up time: about 30 hours

Wireless Smoke Detector

Alarm Sound Level: 85dB @ 3 mIndicator Light: LED flashes every 45 secondsBattery: 9V

X-10 Controller Module

Connect to a power point near the base unit and with cable ¡K