



Smart Box

The Smart Box is the brain of i4Home system and is designed to provide all the most advanced features to meet your home management requirements through Internet. Smart Box not only provides you a secure life but also a convenient living environment that allows you to control remote switches through your smartphone from all over the world

With different environmental sensors, Smart Box also plays as an environmental monitor center to collect all the environmental data and control corresponding appliances to save your energy consumption automatically.

You can protect, monitor, and control your home or office using i4Home app for iPhone and Android.

Product Features:

- Connect wirelessly with a wide range of sensors
- Receive alerts from connected devices when there is unexpected activity in your home.
- Automate connected devices in your home and set them to turn on or off
- Remote Arm/Disarm/Home and status-info with any smartphone
- **Voice Module** for voice prompt and warning message to inform user about the status. (optional)
- **GSM module** for spare communication and alarm report if Ethernet fails. (option)
- 4 LED display for Away/ Home/ Disarm and Data transmission indication
- Can accommodate 288 sensors and control 15 programmable switches.
- Responds to panic, burglary, fire, medical alarm and environmental hazards
- Robust multi-million RF coding and special transmission timing design to avoid interferences
- Responds to panic, burglary, fire, medical alarm and environmental hazards
- RF signal quality monitoring and jamming detection
- Inactivity monitoring to take care of the elderly or physically challenged at home
- Up to 9 independent partial arm zones
- Scheduled switch operation
- Built-in detailed 512-event log.
- 3 External wire sensor input and alarm siren control output.
- **Internal Siren** for alarm warning
- **Backup Battery**
- Easy installation



Technical Specifications:

Model No.: i4H- LS-20

Color: Black

Sensor Zones: 288 Zone

Transmission RF: 433MHz, 868MHz Compliant with local regulations

Range: Approx. 100m to 300m + @open field, 25°C

Preset Telephone Number: 5 GSM/SMS numbers, 2 CMS data links (With GSM option)

GSM: Contact ID with 2-way voice

Voice Recording: 120 seconds in total (With Voice Module)

Display: 4 LED

Automation Switch Control: RF Wireless Power Switch, RJ11 for X10

Wire Sensor Input: Can be assigned for Panic, Burglar, Fire, Medical, Tamper or Controller usage

Alarm Out: 6V External Siren or other alarm device

Memory Back-up : CR 2032 Li Battery

Back Up Battery Connector: 5V USB power pack (Excluding)

Digital Interfaces: Micro USB

Internet Interface: RJ45, or Wi-Fi

Input Power: 7V DC/850mA power adapter

Operating Temperature: -10°C ~ +50 °C

Dimension: 190 x 120 x40 mm.

Warranty: 2 Years

Smart Box (Models):

i4H-LS-20E (Ethernet Adaptor)

i4H-LS-20GV (GSM/GPRS with Voice Module)

i4H-LS-20EV (Ethernet Adaptor with Voice Module)

i4H-LS-20EG (Ethernet Adaptor, GSM/GPRS & Voice Module)

i4H-LS-20W (Wi-Fi)

i4H-LS-20WV (Wi-Fi with Voice Module)

i4H-LS-20WG (Wi-Fi, GSM/GPRS & Voice Module)

