SMARTHOME GROUP
Smarthome for everyone
www.smarthomebus.com
G4
Simple connect Simple Life
HOME
LIGHT
H.A.V.C
SECURITY
MUSIC
CURTAIN
MOOD
SURVELLANCE
APPLIANCE
WATER / GAS
G4
HOME AUTOMATION
Dealer contact:
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NO.1 G4

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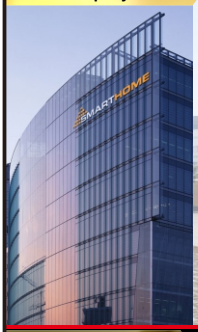
## About Smart Group

### Company Profile

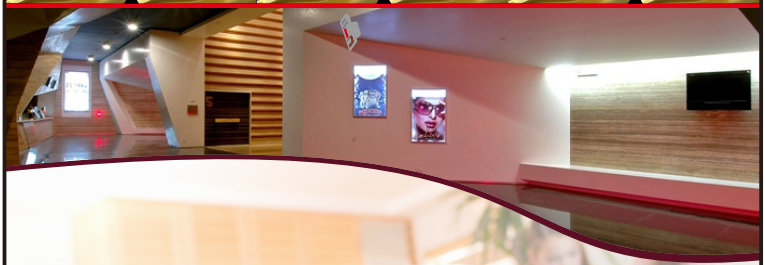



**Smart-Group** was originally Established by Digitcom: A Santa Monica based company Registered in California in 1986. Since its establishment the Company has concentrated research and development on Technology of Communication and Control with several Patents and registered Trade Marks. The Company has grown in size, collective expertise and has branched into many countries around the world.

**Smart-Industry Group** is a group of Companies that works together to fulfill One Target:(Techno Lifestyle Product Development and Solution Packaging)

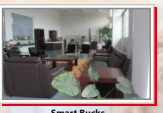
### Awards

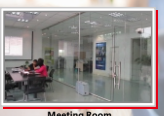
USA | Ukraine | Middle East | Australia | Germany | UAE



## S-Bus Wired Network, with S-Wave Wireless Links

Factory


Smart Bucks


Meeting Room

Warehouse

R&D Department

Tooling / Plastic Injection

Moulding Machine

Production Department

SMT

Training Center

Sales Department

KTV Showroom / Cinema Showroom

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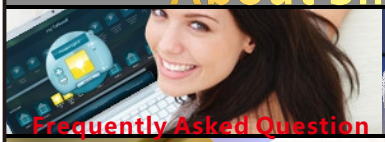
SMARTHOME
hmsmarthomebus@gmail.com

See more products on the Website: http://www.smarthomebus.com

# Simple connect Simple Life

# About Smart Group



## Frequently Asked Question

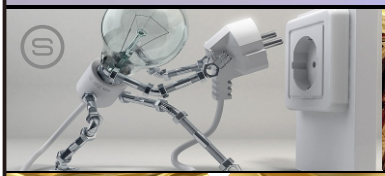
### What Is Home Automation?

Home automation is the residential extension of building automation. It is automation of the home, housework or household activity. Home automation may include centralized control of lighting, HVAC (heating, ventilation and air conditioning), appliances, security locks of gates and doors and other systems, to provide improved convenience, comfort, energy efficiency and security.

### What Is Smart-Bus Technology?

"Smart-BUS ® " is a patented Protocol (Patent No: 201110123081.0) Based on "Advanced RS485" 64 Bits Communication. This 2-Way Smart-BUS Communication Protocol was Designed Mainly for Home Automation Industry and thus many call it today "SmartHome-BUS" or Simply "S-BUS". The S-BUS Engine Drive Many Hardware Devices, Command, Monitor and Control them simultaneously in smooth and confirmed 2-Way Communication ability using Simple 4-Core Twist Pair Data Cable that is widely available in the market

The Smart-BUS has Multi Edge technology to Easily Communicate with multi Nodes; Wirelessly via the "W-BUS" in what is called the "S-Mesh®" Environment. Also It can Communicate with FTP/UDP/TCP Via what is Called the"S-Net" Environment. This "Smart-BUS" Multi-Edge Environment and the Core System technology are Calledcollectively: the "Smart-Cloud®"



## Application

HOME

HOTEL

OFFICE

HOME BACK SYSTAM

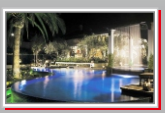
SCHOOL

SHOWROOM

HOSPITAL

MOODS

HOME APPLIANCE

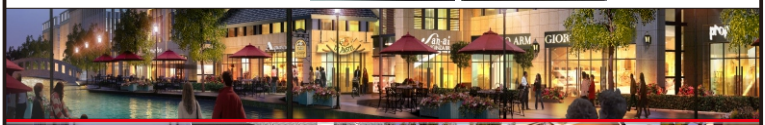

POOL / SPA

HOME AUDIO / VEDIO

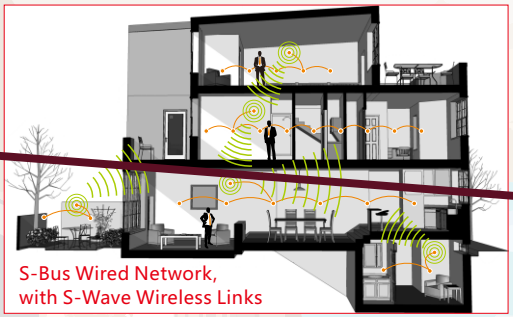
HOME COMMUNICATIOS

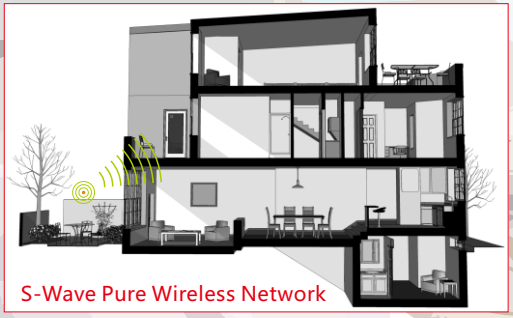
## About Smart Group

### Patents



### Where To Use?




### What is S-wave?

Latest Wireless Technology

S-wave is a new generation home automation wireless Mesh technology that enables the direct conversion of the Smart-Bus Automation products to connect with each other wirelessly.

S-wave is the device you can connect to the wired Smart-Bus products and to Trail Click mini modules to make them work wirelessly in an interactive mesh

## NETWORKED BUILDING SYSTEM

See more products on the Website: http://www.smarthomebus.com

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## ISO & CE Mark

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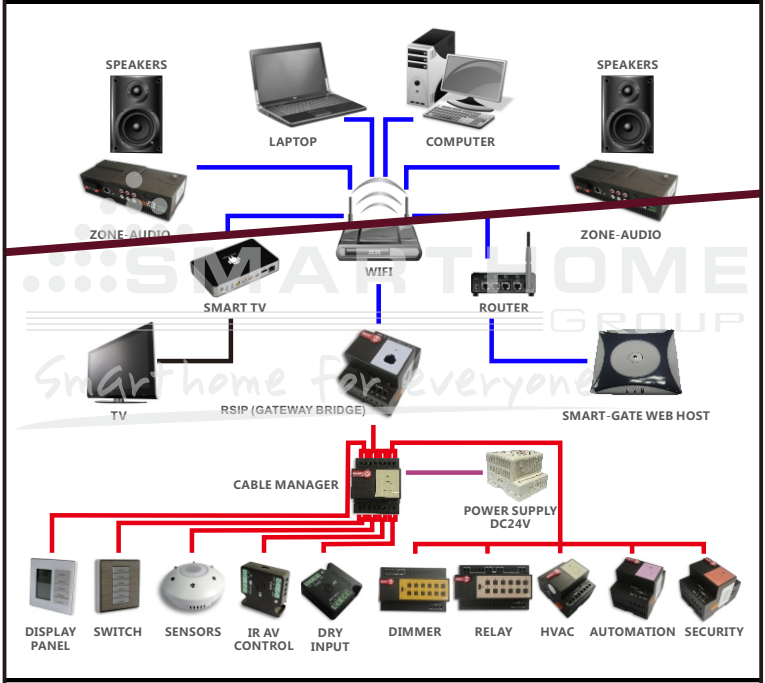


SMARTHOTEL GROUP

Smart home for everyone

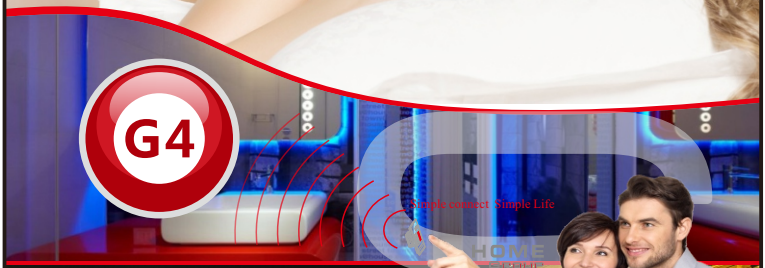
www.smarthomebus.com

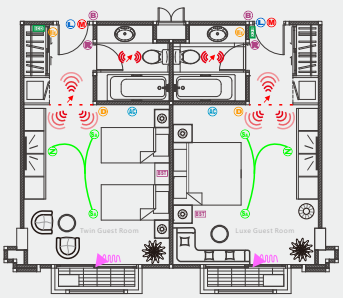
## What is Smart Hotel ?

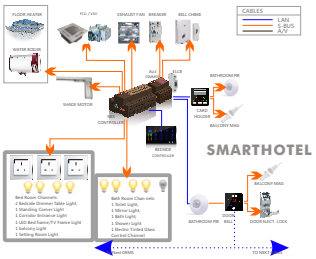
Smart Hotel Management and Control System (abbreviated room control system), is the use of computer control, communications, management, technology, based on the in-room intelligent controller constitute a dedicated network for the hotel room lights, curtains, air conditioning, television, background music, access control, service management and control system for intelligent, real-time monitoring room status, guest needs, service conditions and equipment, etc., to assist the hotel room equipment and internal resources for real-time control and analysis of integrated services management control system.

## Smart Hotel System Overview

Smart Hotel room control system uses modular design EIB bus network, with energy conservation, efficiency,offering personalized services to enhance the image of the hotel and hotel management and many other advantages.Because of its feature-rich, strong compatibility, and can be seamlessly connected to the hotel management system,in-room control system has now become an indispensable hotel comprehensive intelligence is an integral part.






| D | B | R | BST | Z | S | | | ECO | Mx | AC | M | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dynamic Display Panel (DDP) | Hotel door bell panel with service | Hotel card Holder with Service | Hotel Bedside Panel | Zone Audio | Ceiling Speaker | 9 in 1 Sensor | Motorized Curtain | Energy AUX Power | Mix Controller | HVAC | Magnetic Contact | Door Lock |

# SMARTHOTEL

## PROFESSIONAL FOR ENERGY SAVING

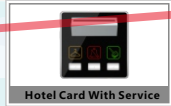
# SMARTHOME

**23 port Zone Beast Module**

This Mix Control module is designed to Handle almost all needs of any Luxury Zone Like Master Suite, Hotel Room or 1-2 bedroom apartment. A Single Module contains 3Ch Dimmers X each is 1A, and 9ch Relays X each is 6A /per ch. with scene controller. 4RelaysX6A With Double Throw for Motorized curtains and Drapes. 1Relay X 16A for Boiler and Floor Heating. HVAC module for FCU/AHU to Handle Multi stage Cooling, heating, and 3 fan Speed (L M H). Built in 1Port for 0-10V VAV and Ballast Control. Added Port for T1 Temperature Sensor for Duct Temperature.

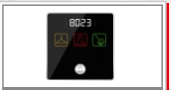
**Hotel Dynamic Display Panel**

**Hotel Bell w/ Access & Service**



**Hotel Card With Service**

**Hotel Bedside Controller**



**Hotel Bell Panel with Service**

**Power Auxiliary**

**RSIP**

**Hotel Card Encoder**

**HVAC Trail Click**

**Fan Speed Module**

**4T Input Module**

**Temperature Sensor Probe**

**IR Emitter with Macro**

**1Dimmer 1Relay 1Fan TC**

**IR Emitter w/ Current Sensor**

**Micro Climate Sensor**

**HVAC Module**

DIN-Rail Mount Advanced Climate Control Module that installs near HVAC unit to save cost of wiring and to eliminate the need for standard ugly thermostats. being S,BUS enabled it can be controlled flexibly from any DDP panel and any BMS Automation Software. The HVAC2 Module can control Single and Multi stage Units (Heat, Cool, Fan low, High, Medium, VAV 0-10VDC) it can Handle any FCU, AHU, VAV System. With easy labeling space, Comes ready with LED indicator, network health, broadcast button. Good for applications witch require energy saving, Health intelligent control such as residential, commercial or industrial.

# Smart Bus G4 Products

## Lighting Control

Relay 12ch 10Amp

DIN-Rail Mount Switched Pass Through Relay 12ch 10A /per ch. with scene controller Multi Phase, Multi-Current, Multi voltage. Software Selectable programmable Motor function: Double Throw Dipole Grouping. Work 220/110 VAC, 50-60Hz as well as 1.5-48VDC (Green operated supplied by 24VAC/12mA) Small and elegant with easy labeling space, output status LED indicator, network health, broadcast address button and Momentary channel button. Can be used in any location that require energy saving, intelligent control such as apartment, Villa, Offices, Restaurant, Hotels or factories.
*Can be Manually Programmed by any Electrician on site without need for PC.
** (This is an Advanced 2-way module. Changing load status manually reflect and update on all Connected SW & Devices)

## Audio & Media Control

1Dimmer 1Relay Trail Click

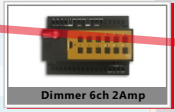
2Dimmer 1Relay Trail Click

1Dimmer 2Relay Trail Click

2Relay Trail Click

Dimmer 2ch 6Amp

Dimmer 4ch 3Amp



Dimmer 6ch 2Amp

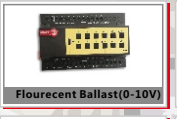
Dimmer 8ch 1.5Amp

Relay 4ch 20Amp

Relay 6ch 16Amp

Relay 8ch 16Amp

Mix24 Controller



Flourecent Ballast(0-10V)

LED Driver/Dimmer 4Ch

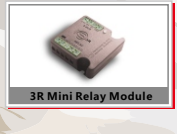
DALI Bridge Module

DMX 48 Bridge Module

3Relay Trail Click

LED Flicker Supressor

2R Mini Relay Module 5A



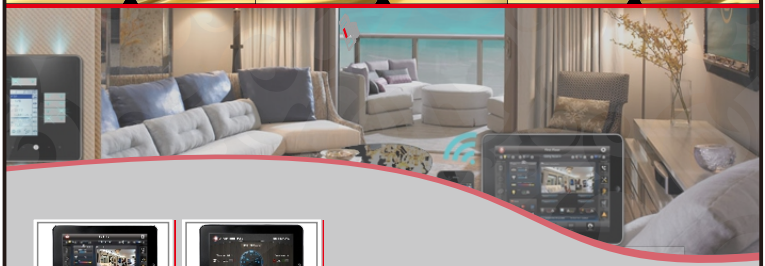
3R Mini Relay Module

# Smart Bus G4 Products

**Demo & Learning Kit**

**Smart-Bus Apps** | **Smart-Bus Training & Certification**

Smart SOHO | Smart Hotel | Smart Museum | Self-Learning Kit | S-Wave App | S-Bus G4 App



Smart-Bus G4 App

Smart Hotel G4 App

## Genuine Certification:

Genuine Smart-Group Certification is Always Sealed By Smart Home / Digitcom Seal. And is Issued and Signed By Our Chairman and Training Director.

Smart-Group Has designed Together with Smart Home University several Training Programs tomake sure that all Dealers & Installers, Distributors and Consultants are always kept updated andupraised on latest solutions and technology that the Group has to offer in the Automation, Techno-Lifestyle, and Energy Industries Most of these training are Offered Free to the ActiveNetwork Partners. Periodical Training take Place at Different World Nodes Like: UAE, Egypt,Germany, USA, Denmark, China, India, South Africa, Australia, Thailand and Other Main Hubs.

Training Center | Sales Department | KTV Showroom / Cinema Showroom

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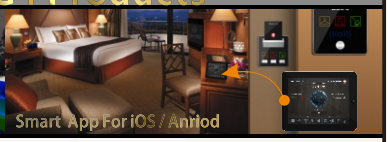
**Association with**

# Smart Bus G4 Products

## Sensors & Input Devices



**9 in 1 Multifunction Sensor**

One device has 9 functions designed perfectly for Automation Industry techno-lifestyle needs. This All-in-One device contains: (addressable Motion sensor, light intensity LUX sensor, Infrared receiver for easy access by remote control, 360 degrees infrared transmitter to control 250 IR codes of electronic equipment like TV, DVD...etc., addressable 2-Zone Dry contact inputs one is for Safety, and one is for Security to connect to the room window sensor and smoke detector or any other sensor, save the wiring and programming time, it has 32 Logic lines (if, then, and or, nand, nor), and it Support Burglar Security Code input checking, arming and disarming, it has Built in Temperature Sensor that can be paired to HVAC2 Module, and for other reading needs)

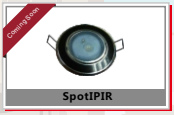
**PIR Motion Sensor**

**5 in 1 Multifunction Sensor**

**6 in 1 Multifunction Sensor**

**8 in 1 Multifunction Sensor**

**9 in 1 Multifunction Sensor**



Coming Soon

**SpotIPIR**

Coming Soon

**5z Mother Controller for SpotIPIR**

**Microwave & 3PIR Sensor**

**4Z Dry Input Module**

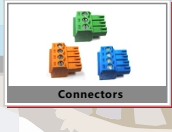
**S-wave Trail Click**

**Security/Safety Module**

**I/O**

**Power Supply**

**Cable Manager**



**Connectors**

**Impulse Meter**

Automation Logic Module

DIN-Rail Mount, Central Time Clock and Main Automation Controller. It is the smart system servant that assist and monitor temperature, events, energy consumption, patterns, with main Targets: maintain, safeguard, protect and economize. It Can Trigger prayer announcements, reminders, alerts, macros, and moods. Each Logic module Consist of 240 tables, Each Table of 4 programmable Logic Lines totaling up to 960 Line of Logics using simplified (and, Or Nand, Nor, with 255 Flags). logical condition consist of trigger combinations like: time, scene Light channel status, curtain status, room temperature, security mode, day night, time... and so on

## Other Products

## Ipod Dock or any other Source.

Zone-Audio 2

Distributed Audio Zone Player and Amplifier. Can Deliver up to RMS 48 Watts of Stereo. With Balanced Out to connect to Pre-Amplifier Booster. With Built in FM Radio Tuner,Built in SD Card Reader slot. Can Stream Digital Audio Through LAN/FTP from any PC or NAS on the Network. Advanced PA Port that can detect Audio AnnouncementAutomatically mute current playing source, announce then switch back to the samemusic source again once announcement is completed. Additional RCA Stereo Input forDirect Local Source Feed to allow local Music ports to connect direct from TV, DVD,

# Smart Bus G4 Products

## Control Panels

Coming Soon

DDPs

All in one wall Switch, the DDPs is an elegant and easy to use wall panel that eliminates wall agony. It has built in thermostat, changeable labels to identify every button use, can control lights, curtains, temperature, music, and TV. DDPs has easy fascia color and material changing flexibility to help match any interiors. The DDPs has screw less mounting mechanism, security lock, easy upgrade mini-USB, re-locatable IR receiver probe, LED backlit buttons and LCD screen. DDPs can accept Multi languages, Icons and Graphics

Dynamic Display Panel DDP

6 Button Switch Wall Panel

4 Button Switch Wall Panel

3 Button Switch Wall Panel

Access Control Panel

Door Access Reader Panel

Door Bell

Door Bell Access & Child DND

Smart Museum Panel

Meeting Board Room Control

Bedroom Control Bedside

Hand Held IR Remote Control

Resound Wall Art Speaker

Ceiling Speaker

Outdoor Speaker Water Proof

Power Supply Dual Polarity

## Audio & Media Control

A/501,SHIV PARVATI
14 TH KHAR ROAD
NEXT 2 LINKING ROAD
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