SMARTHOME
GROUP
Smarthome for everyone

G4

Contact Us

SMARTHOME GROUP INC.
USA

Tel : +1-310-8643780
E-Mail: digitcom@eim.ae
Addr : Beverly Hills, Santa Monica,
California 90404 United States
of America.

SMARTHOME
GROUP
DUBAI CORPORATION

Tel : +971 4-3388604
Fax: +971 4-3388605
Addr : M-06A Ahmed Bin Jumaa Al
Maktoum Bldg., Sheikh Zayed Road,
Dubai, UAE.

SMART
GROUP
DONG GUAN SHIMA ELECTRONIC CO.,LTD

Tel : (0086) 769 8393 1277(813)
Fax : (0086) 769 8117 8867
Addr : No.135, Huancheng Road, Mawu Village,
Qiaoli Management Community, Changping Town,
Dongguan City, Guangdong Province, China.
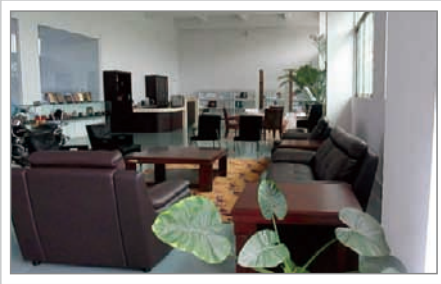
www.smarthomebus.com

About Smart Group

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)

Factory

Smart Bucks

Meeting Room

R&D Department
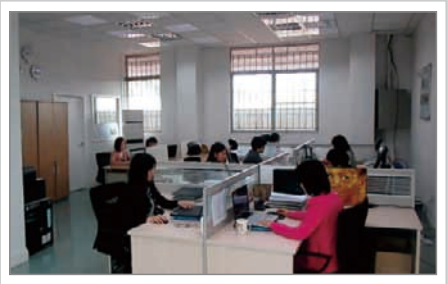

Tooling / Plastic Injection

Moulding Machine

SMT

Training Center

Sales Department

Warehouse

Production Department

KTV Showroom / Cinema Showroom

Patents

ISO & CE Mark

Awards

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

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.
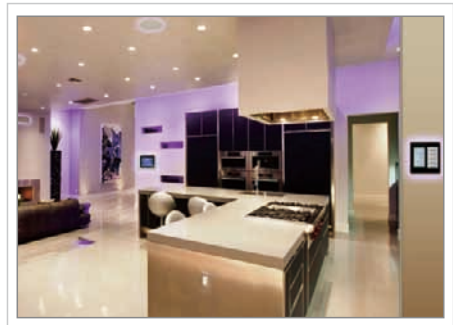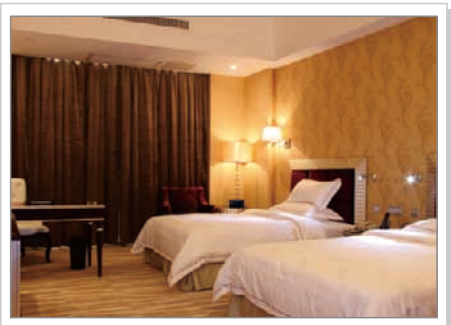
What Is Smart-Bus Technology?

"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 Called collectively: the "Smart-Cloud®"

Application

Home	Hotel	Office
School	Museum	Hospital

Latest Wireless Technology

What is S-wave?

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 environment.

Simple connect   Simple Life

Where To Use?

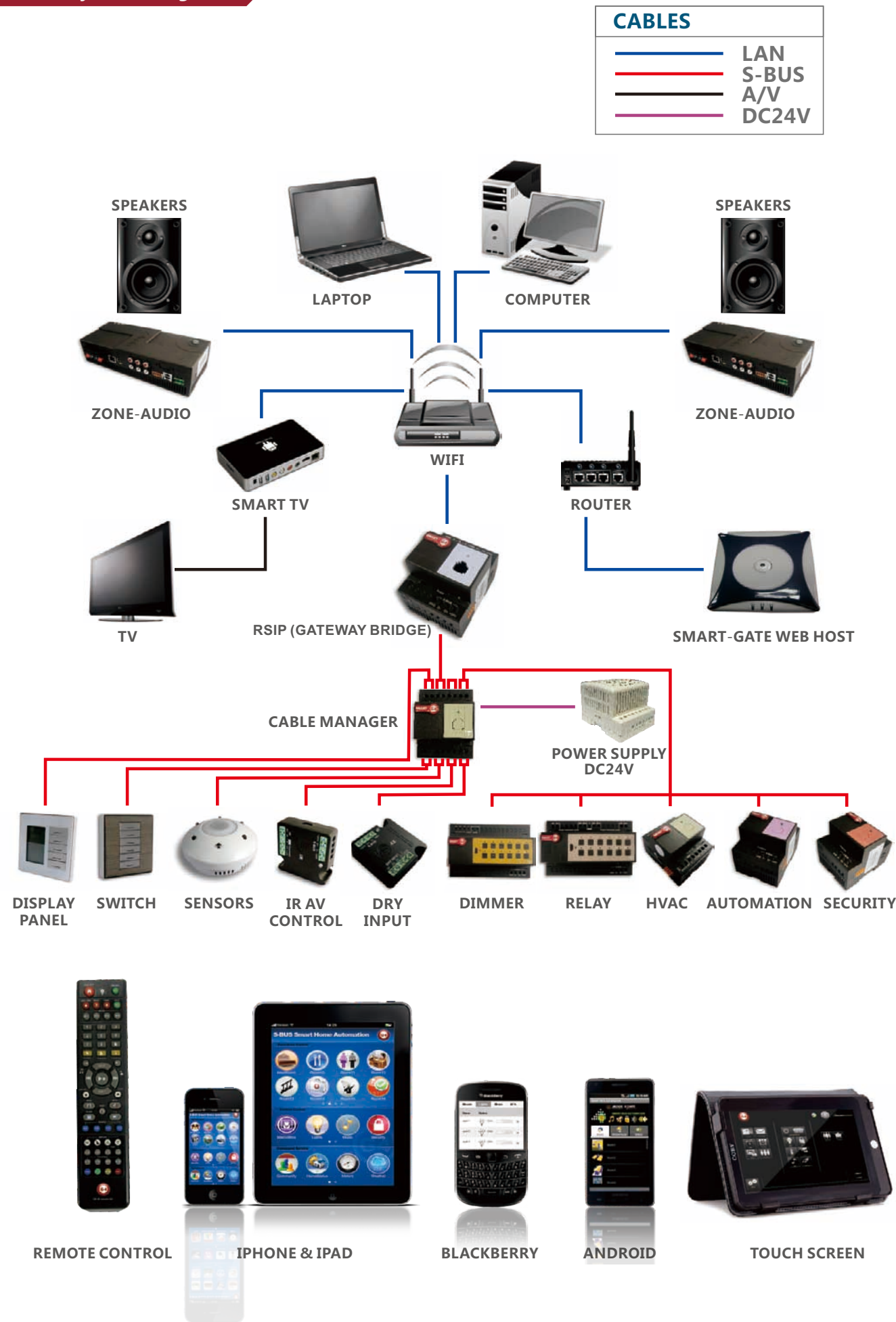S-Bus Wired Network, with S-Wave Wireless Links

S-Wave Pure Wireless Network

Connection Diagram

CABLES

▬▬	LAN
▬▬	S-BUS
▬▬	A/V
▬▬	DC24V

SPEAKERS

LAPTOP

COMPUTER

SPEAKERS

ZONE-AUDIO

WIFI

ZONE-AUDIO

SMART TV

ROUTER

TV

RSIP (GATEWAY BRIDGE)

SMART-GATE WEB HOST

CABLE MANAGER

POWER SUPPLY DC24V

DISPLAY PANEL

SWITCH

SENSORS

IR AV CONTROL

DRY INPUT

DIMMER

RELAY

HVAC

AUTOMATION

SECURITY

REMOTE CONTROL

IPHONE & IPAD

BLACKBERRY

ANDROID

TOUCH SCREEN

Smart Bus G4 Products

Control Panels

Coming Soon

DDPs

Description:
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

Audio & Media Control

Zone-Audio 2

Description:
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 Announcement Automatically mute current playing source, announce then switch back to the same music source again once announcement is completed. Additional RCA Stereo Input for Direct Local Source Feed to allow local Music ports to connect direct from TV, DVD, Ipod Dock or any other Source.

Resound Wall Art Speaker

Ceiling Speaker

Outdoor Speaker Water Proof

Power Supply Dual Polarity

Smart Bus G4 Products

Hotel GRMS

23 port Zone Beast Module

Description:
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

Climate Control

HVAC Module

Description:
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.

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

Smart Bus G4 Products

Lighting Control

Relay 12ch 10Amp

Description:
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)

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
1Dimmer 1Relay Trail Click	2Dimmer 1Relay Trail Click	1Dimmer 2Relay Trail Click	2Relay Trail Click

Smart Bus G4 Products

Sensors & Input Devices

Description:
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)

9 in 1 Multifunction Sensor	

PIR Motion Sensor	5 in 1 Multifunction Sensor	6 in 1 Multifunction Sensor	8 in 1 Multifunction Sensor

9 in 1 Multifunction Sensor	SpotIPIR (Coming Soon)	5z Mother Controller for SpotIPIR (Coming Soon)	Microwave & 3PIR Sensor

4Z Dry Input Module	S-wave Trail Click	Security/Safety Module	I/O

Other Products
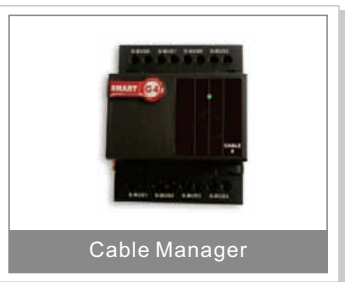
Description:
DIN-Rail Mount, Central Time Clock and Main Automation Controller. It is the smart system servant that assist and monitor temperature, events, energy consumption, patterns, with main Targets: maintain, safeguard, protect and economize. It Can Trigger prayer announcements, reminders, alerts, 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
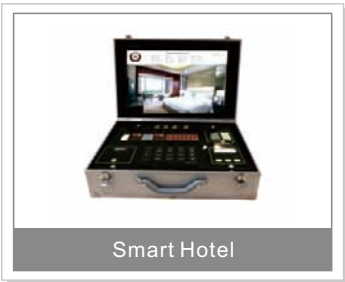
Automation Logic Module	

Power Supply	Cable Manager	Connectors	Impulse Meter

Smart Bus G4 Products

Demo & Learning Kit

Smart SOHO	Smart Hotel	Smart Museum	Self-Learning Kit

Smart-Bus Apps

S-Wave App	S-Bus G4 App	Smart-Bus G4 App	Smart Hotel G4 App

Smart-Bus Training & Certification

Professional **TRAINING**
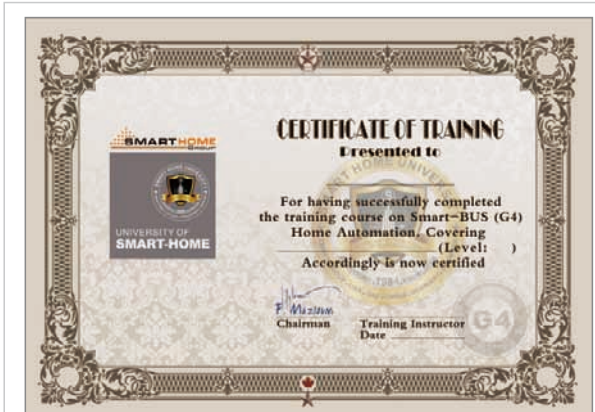
Smart-Group Has designed Together with Smart Home University several Training Programs to make sure that all Dealers/Installers, Distributors and Consultants are always kept updated and upraised on latest solutions and technology that the Group has to offer in the Automation, Techno-Lifestyle, and Energy Industries Most of these training are Offered Free to the Active Network 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.

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.