



SMARTHOTEL

2014 CATALOGUE
PROFESSIONAL FOR ENERGY SAVING



THE BEST CHOICE FOR HOTEL AUTOMATION



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LETTER FROM THE CEO

Dear customers and partners.

We always appreciate your Contributions of Ideas to Smart-Industry which has been the source of our Product Innovations. Smart-BUS G4 is based on your personal experiences, lifestyle needs and the dynamic technological new necessities.

“At Smart-Group we are driven by achievement using both: Speed and Accuracy as our Engine” The New (G4) Generation-4 Smart Automation Solution is Made to reach everyone's hand: “providing Luxury systems with cutting edge technology at affordable prices”

We Promise you to our Maximum Capacity:

- A) To Innovate New Product Ideas*
- B) To Simplify the Usage for everyone*
- C) To make Prices More affordable*
- D) To Support your needs*

The Growing International Network of Dedicated Distributors and Professional Dealers has made us more Keen to exert more force on Quality and Speed of Delivery enabling us to serve Millions of customers worldwide. For this reason, Smart-Industry has Invested Millions of Dollars to Create High End SMT/SMD Mounting and Automated Assembly Lines to cater to the growing overwhelming demand on G4 Automation Technology.

*We thank you for your support always, together we shall live in style.
Thank you,*

F. Mazloun

Mr. Firas Mazloun
President & CEO ,SMARTGROUP

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)

The Industry Group Consists of the following Companies and Entities

Smart Labs Inc. : An Entity Created for Complete Research and Development in Hardware and Firmware Level

Smart Soft Inc. : An Entity Created to Provide Total Software Support

Smart Industry Inc. : An Entity Created to Manufacture The Products of Smart-Labs to the Highest Standards of Quality

Smart Solutions Inc. : An Entity Created to Market Smart Industry Products, and To Partner with other Manufacturers to out-source or to OEM Integrated Products that Create Complete Plug and Play Solution Packages.



Smart-BUS G4 Products are Researched, Developed, Designed, Tooled, Manufactured and Quality Controlled by 100% Owned Smart-Group Facilities.

The Logistics are Served by :

- Main Logistic center in China
- Dubai Logistical Facility for MENA Region
- Germany Storage Facility for Europe
- Distribution Facilities in Several HUBS in Africa, USA, Latin America & Russia.

Research and Development comes from Several Design Offices in:

USA for Concept, Denmark for Design, Germany for Engineered Parts, Dubai for Lifestyle Functionality, And China for Parts assembly and Mechanical Tooling Technology.



Smart-Group has invested in Securing the presence and future of Smart-BUS Products. Smart-G4 Products today are Our Pride, and accordingly are patented for Technology, Protocol, Engineering Design and Topology. In Addition, Our Smart Brand Logos are Registered Trade Mark IP of Smart-Group Team.



Manufacturing, R&D and Logistics Facilities

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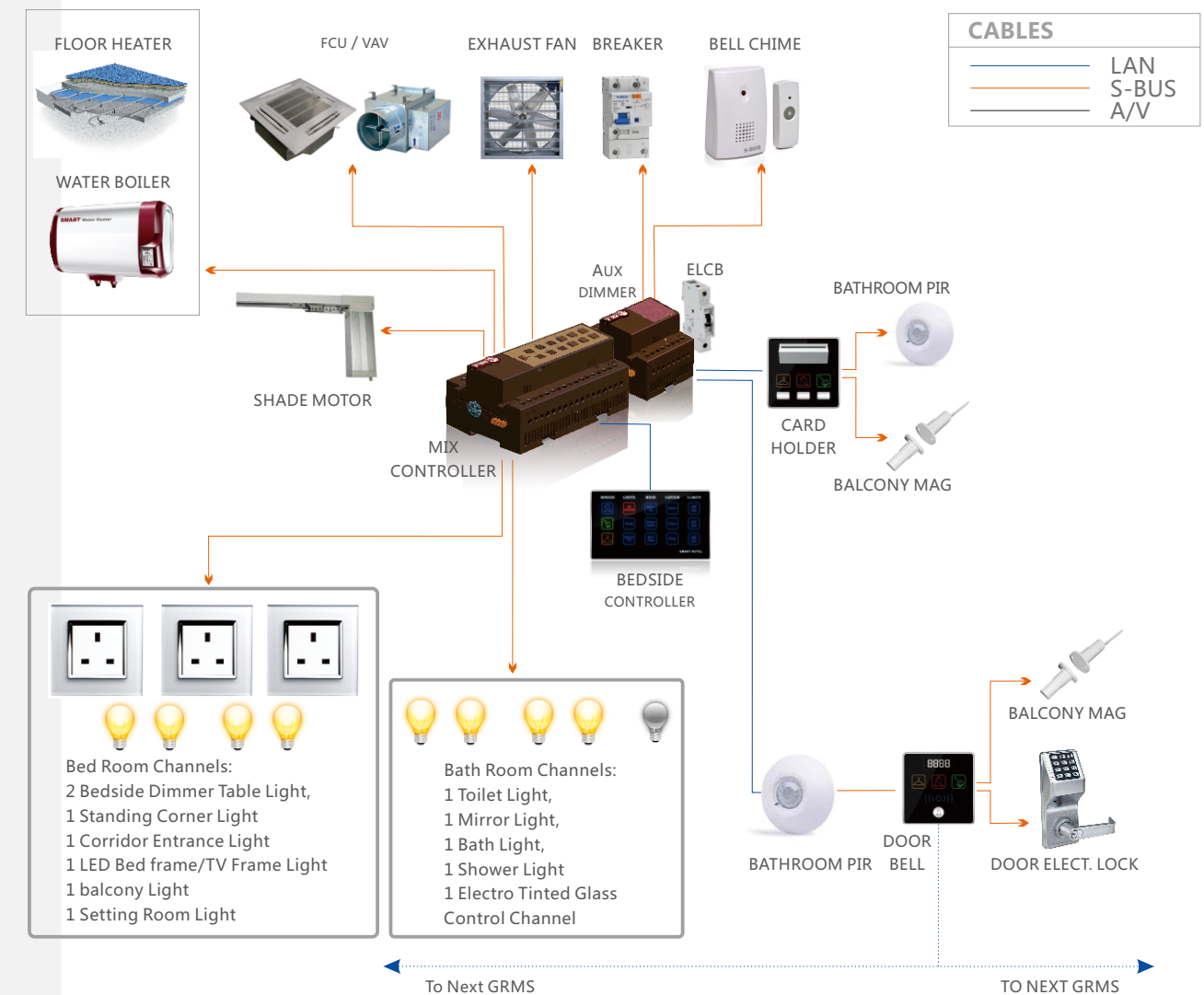
What is Smart Hotel ?

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

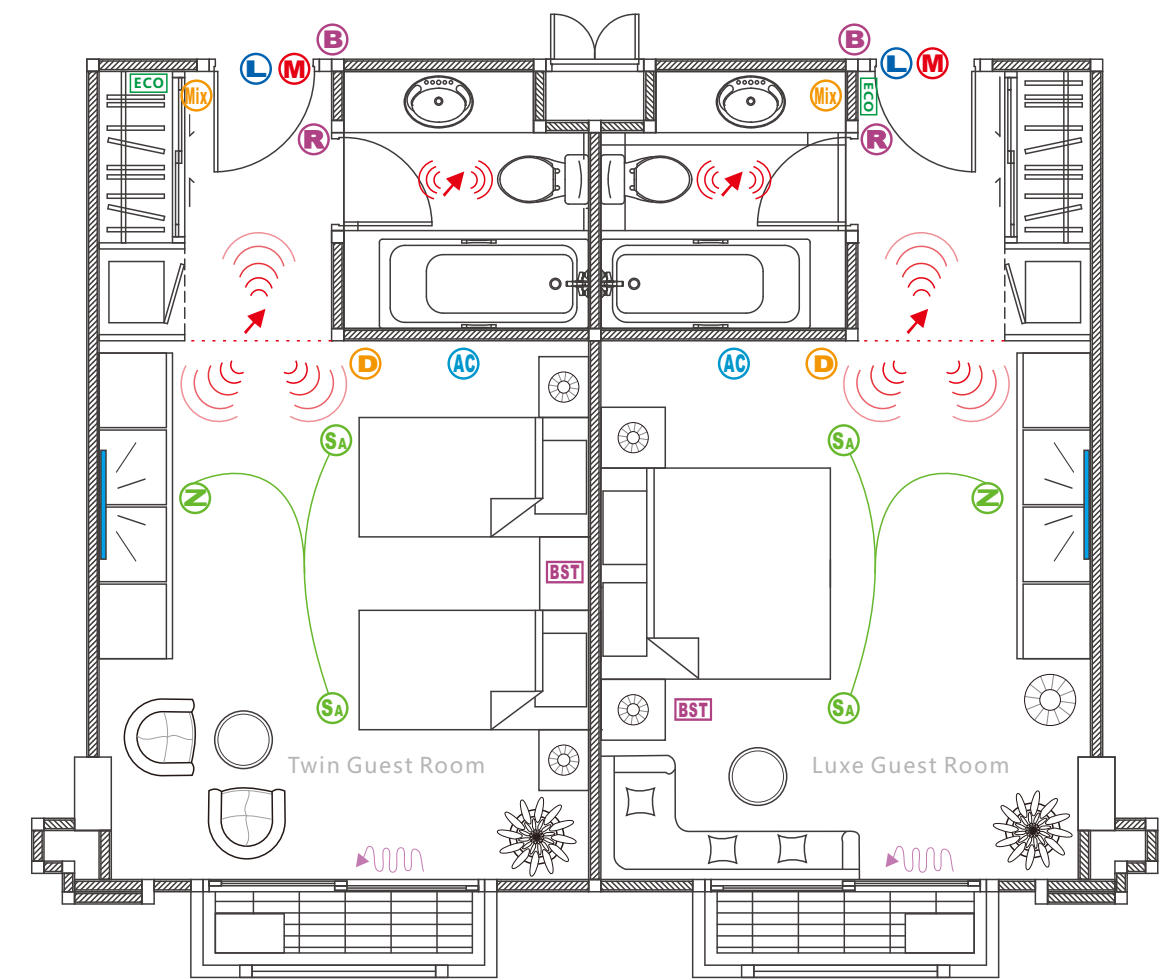
Smart Hotel room control system uses modular design EIB bus network, with energy conservation, efficiency, offering personalized services to enhance the image of the hotel and hotel management and many other advantages.

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.



Smart Hotel Design Sample

In this example the Designer has implemented Lighting and Dimming (mood Lighting and scenes), Security Alert, Door Access and Entry system, Occupancy and Energy Saving, Multimedia Control (TV, DVD), Climate control, Music audio, Motorized Shades, Electro tinted Glass, Service request, bedside controllers, and all needed wall panels and switches



D	B	R	BST	Z	SA	9 in 1 Sensor	Motorized Curtain	ECO	Mix	HVAC	Magnetic Contact	Door Lock
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





Smart Hotel GRMS offers many benefits

- Reduced energy consumption and utility costs normally wasted on empty rooms
- Room status monitoring such as Do-not-Disturb, Laundry, Clean Room, & Guest occupancy.
- The entire system in the room can be controlled via our customized bed-side panels, and Smart Tablet PCs/devices.
- Regulated room temperature control according to guest preference
- Recognition that you're doing your part to reduce your impact on the environment by operating a green hotel

Why does your hotel need Smart Hotel G4?

The Smart Hotel G4 system has now come to be recognized as one of the most cost effective energy conservation systems in the world, with proven energy savings of 15-40% making it a smart investment for any hotel owner.



Hotel GRMS Capacity

System	Specs
RFID Standard	Mifare
Data Storage Per card compatibility	Model S50=1KB / Model S70=4KB
One Guest Card Can Handle	1-50 / 1-100 Maximum Rooms
Master card System Can Handle	6000 Rooms Maximum Per Hotel
Operating Voltage	24VDC
Voltage Tolerance	12-36VDC
System Consumption Average in Total	250 ma Per Guest Room
Card Access Functionality	Online / Off Line
GRMS Service Status Update	Direct Online
Report Room Ready By House Keeping	Online Possible
Request Engineering maintenance and Support	Online Possible
Modules Levels Available	Front Desk, Security, Engineering, House Keeping, Admin
3rd Party Integratibilkity	RS232, RS-485, TCP/IP
Ready Connectivity	Micros Fidelio (Opera)
Class of Service	254 Levels
Offline Memory Log Allocated	54000 Records (with Auto Over write older ones)
Online Log Sync Download and Release	Automatic to SQL Server
Door forgotten Open Alert (Guest Only)	Default = 12 Seconds (Enable/Disable Possible)
Energy Card Delay Time	Default= 10 Seconds (Adjustable by Software 0-250 Sec)
Blacklist Limit	100 Cards Per Room
Bedside Controller Lights Sleep Operation	Panel Lights Off after 30 Sec, Menu Lights Dim in 1 minute
Card Holder Moods	10 moods Max, SW selectable By Front Desk
Maximum Building Numbers	255 Identifiers
Z-Audio Maximum Play List	47 Lists, Each 250 Songs
Maximum I/O	50,000 Ports
Z-Audio Maximum PA Prompt Files	250



Smart-Bus Dynamic Display Panel DDP EU with LCD
 GTIN (UPC-EAN): 0610696254030

is a wall switch Panel with LCD and Multi functions, Built in IR Receiver Plug in Port, Thermal Sensor Coupler for Temperature, With Easy Graphical and Multi Lingual configuration ability, Multi-Functional Pages:Lighting, Moods, HVAC, Music, Fan Speeds, Motorized Shades,Security. With 2-way status update. (Each Button has right and left different function, Back let LED, LCD Brightness control), AC Page Lock Function, Double click Macro Function, Manual Programming Enabled.



German Wood



Snake Skin



Golden Marble





Smart-Bus Hotel Bedside or Table Side Simplified Panel

GTIN (UPC-EAN): 0610696254825

- Built-in service request buttons
- USB Upgrade and Download log
- Easy connector enabled
- Hotel logic watchdog (Power Infant)



Smart-Bus Hotel Card Holder (G4)

GTIN(UPC-EAN): 0610696254351

- Read Special Card Design
- Built-in service request buttons
- USB Upgrade and Download log
- Easy connector enabled
- Hotel logic watchdog (Power Infant)



Smart-Bus Hotel Bell with Access Control (G4) GTIN (UPC-EAN): 0610696254337

Proximity Card Reader, Flash Memory Download by USB to Secure software, Door Relay for Lock Control, Built in Logic Control Module (Host), Back Lit, Bell Push, Functions: (DND, Clean Room, and Pick Laundry indicators), Online update to housekeeping, and Front office.



Hotel Card Encoder - SB-CardRR-FL GTIN(UPC-EAN): 0610696254399

Mifare Card Encoder for Hotel GRMS, good for up to 4K of Data coding and Reading Per Card



9 in 1 Multifunction Sensor (G4) GTIN (UPC-EAN): 0610696253996

Description:

Bus Enabled, Addressable Ceiling Mountable 9in1 Multi-Functional 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 supports burglar Security Code input checking, arming and disarming, it has a Built in Temperature Sensor that can be paired to HVAC2 Module, and for other reading needs)



Zone-Beast 23 port Mix Control Module (G4)

GTIN (UPC-EAN): 0610696254313

DIN-Rail Mount, Total 3Ch Dimming, and 18 Relays, 1 temp aux, & a 1 VAV 0-10V. To be used as needed with easy assignment for the following applications: lighting, dimming, HVAC, drapes & shutters, boilers or pump, Exhaust fan, Sirens/Flasher, door bell and many more (3ch dimming Each 2Amp / 17ch Relay 5A Each 1 Relay 16A for heavy Appliances), 1 temperature Sensor Input. 1 0-10v output



Auxiliary Hotel Room Power Master

GTIN(UPC-EAN): 0610696254382

To connect to Simplified Energy Master Control Switch, Including 15A Master Cutoff Relay and Door Bell 220V output Trigger

Smart Hotel App For iOS



Smart Hotel New Features

1. Hotel Room Security (In Out Bell and Log recording)
2. No Moonlighting (To rent without management knowledge)
3. User / Guest Habit Analysis (Habits: Lights, AC & Services)
4. Notional Power Consumption per Room
5. Ability to add IP Camera
6. Blink the Room Number in 1 minute when there is a visitor
7. Added Housekeeping Services Features like: Clean Shoes, Refill Bar, Ready Bed, Take Plates, Maintenance Needed and Please Wait
8. Ask the Guest if they are GREEN. If they are GREEN means saving water, laundry detergent and electricity.
I am GREEN feature service: Don't Change My Towel & Bed Sheet
9. E-menu (Food Menu Lists)
10. E-directory (Directory of Hotel Restaurant, Services, IDD, Embassy, Government, and Attractions)

Software Screen Shots of SmartHotel



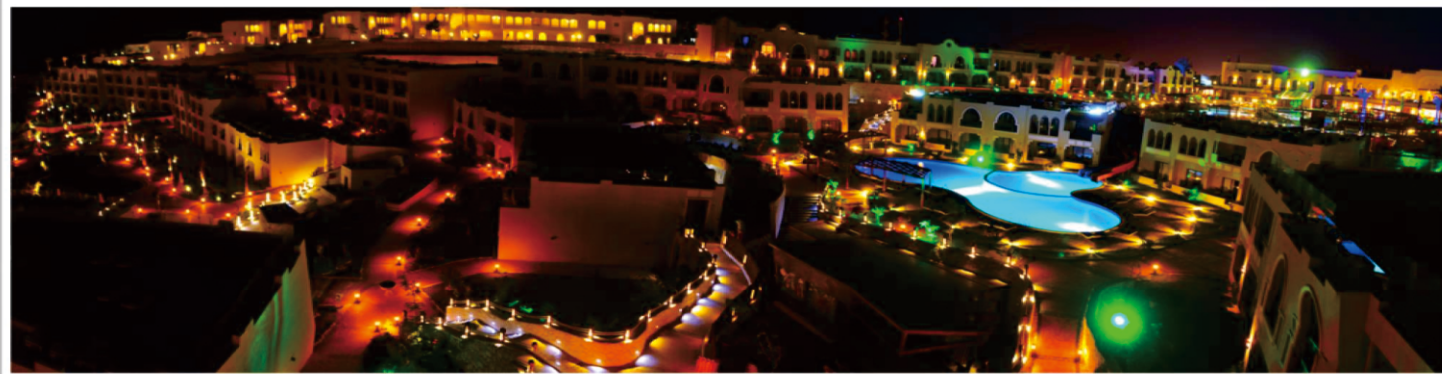
AC
Main menu

Cameras
Room Service



Smart TV
House Keeping

Smart Hotel Projects



Sunrise Arabian Nights (Egypt)

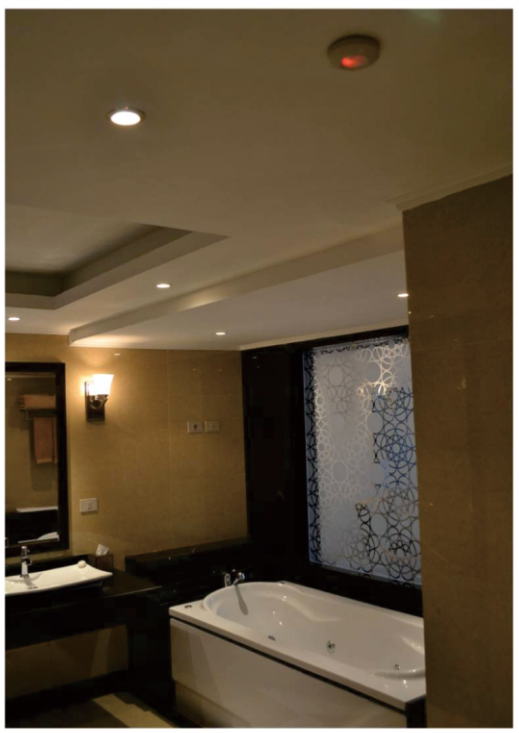
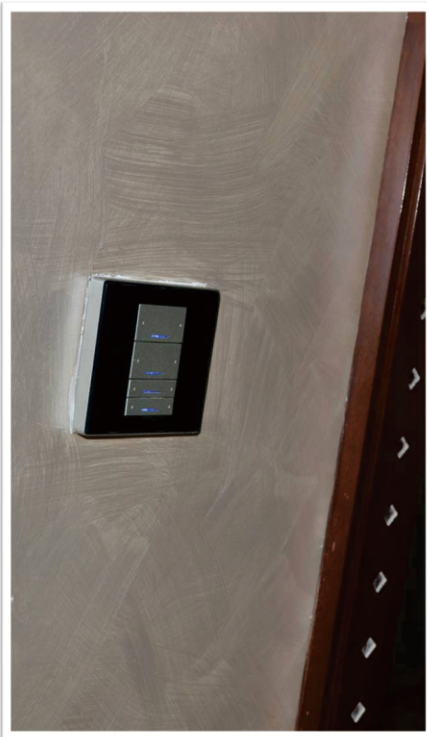


Sunrise Arabian Nights (Egypt)

Smart Hotel Projects



Sunrise Arabian Nights (Egypt)

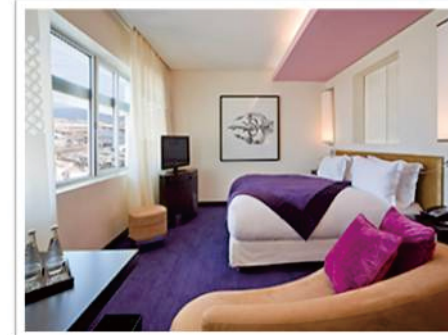
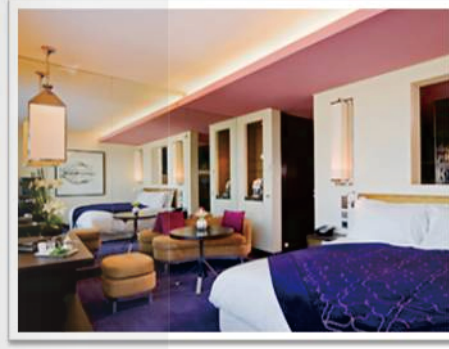
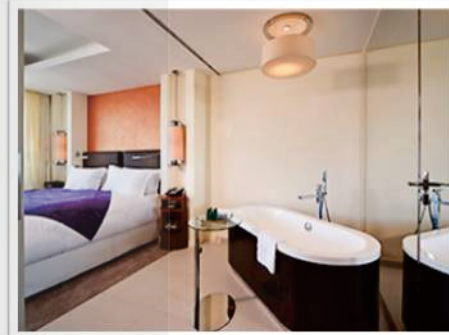


Sunrise Arabian Nights (Egypt)

Smart Hotel Projects

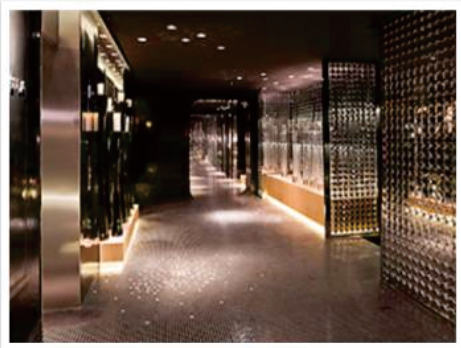
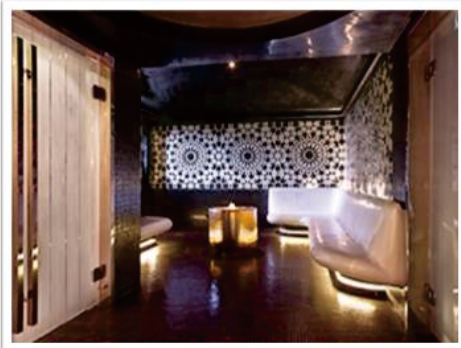
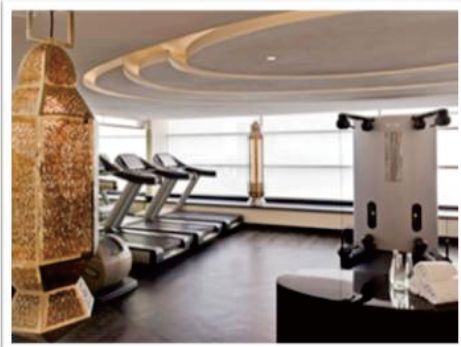


Sofitel Casablanca (Morocco)



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Smart Hotel Projects



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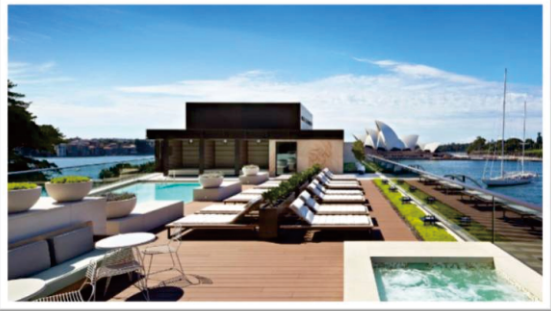
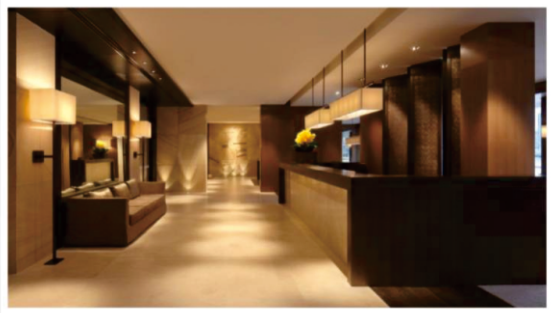


Sofitel Casablanca (Morocco)

Smart Hotel Projects



Park Hyatt (Sydney, Australia)

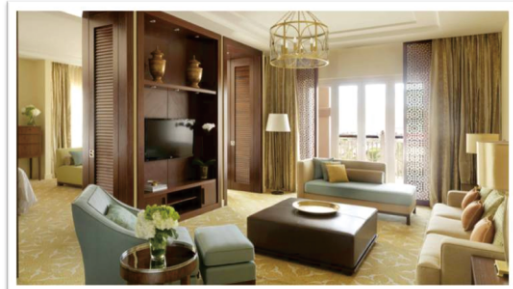
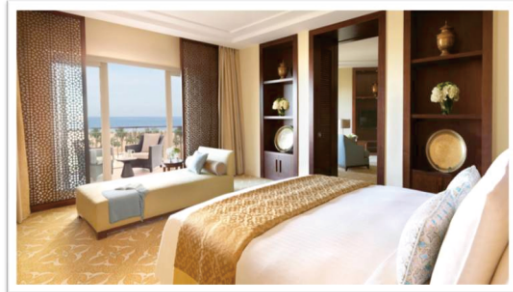


Park Hyatt (Sydney, Australia)

Smart Hotel Projects



The Ritz-Carlton (Dubai, UAE)



The Ritz-Carlton (Dubai, UAE)

Smart Hotel Projects



Kempinski Hotel (Sanya, Hainan, China)



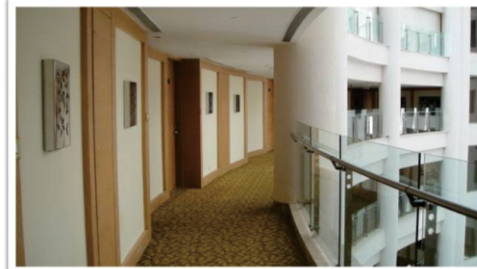
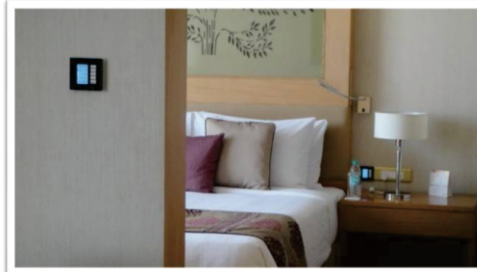
Ramada Hotel (Ajman, UAE)



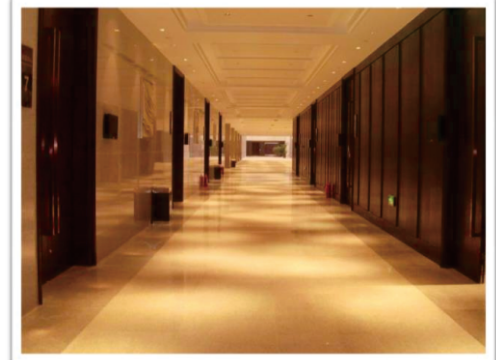
Smart Hotel Projects



Radisson Blu Hotel Dwarka (New Delhi, India)



Star International Hotel (China)



Smart Hotel Projects



MGM Grand Ho Tram (Vietnam)



Grand Noble Hotel (Xian, China)

Smart Hotel Projects



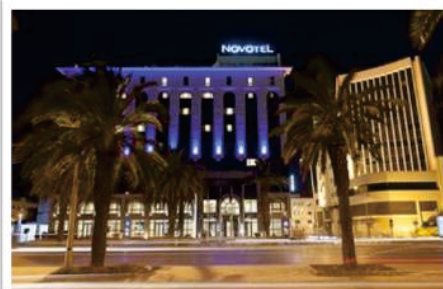
Sheration Hotel (Dubai, UAE)



HuaYang Kokusai Hotel (China)



The Presidential Datong (China)



Novotel (Tunesia)



Meridien (Cairo, Egypt)



Intercontinental (Doha, Qatar)



Summerset (Abuja, Nigeria)



Al Mashreq Hotel (KSA)



Hotel Taj Krishna (India)



Amara Hotel (Singapore)



Hotel (Iran)



Hotel (Pakistan)

Smart Hotel Projects



Sofitel Rabat (Morocco)



Sofitel Rabat (Morocco)

Smart Hotel Projects

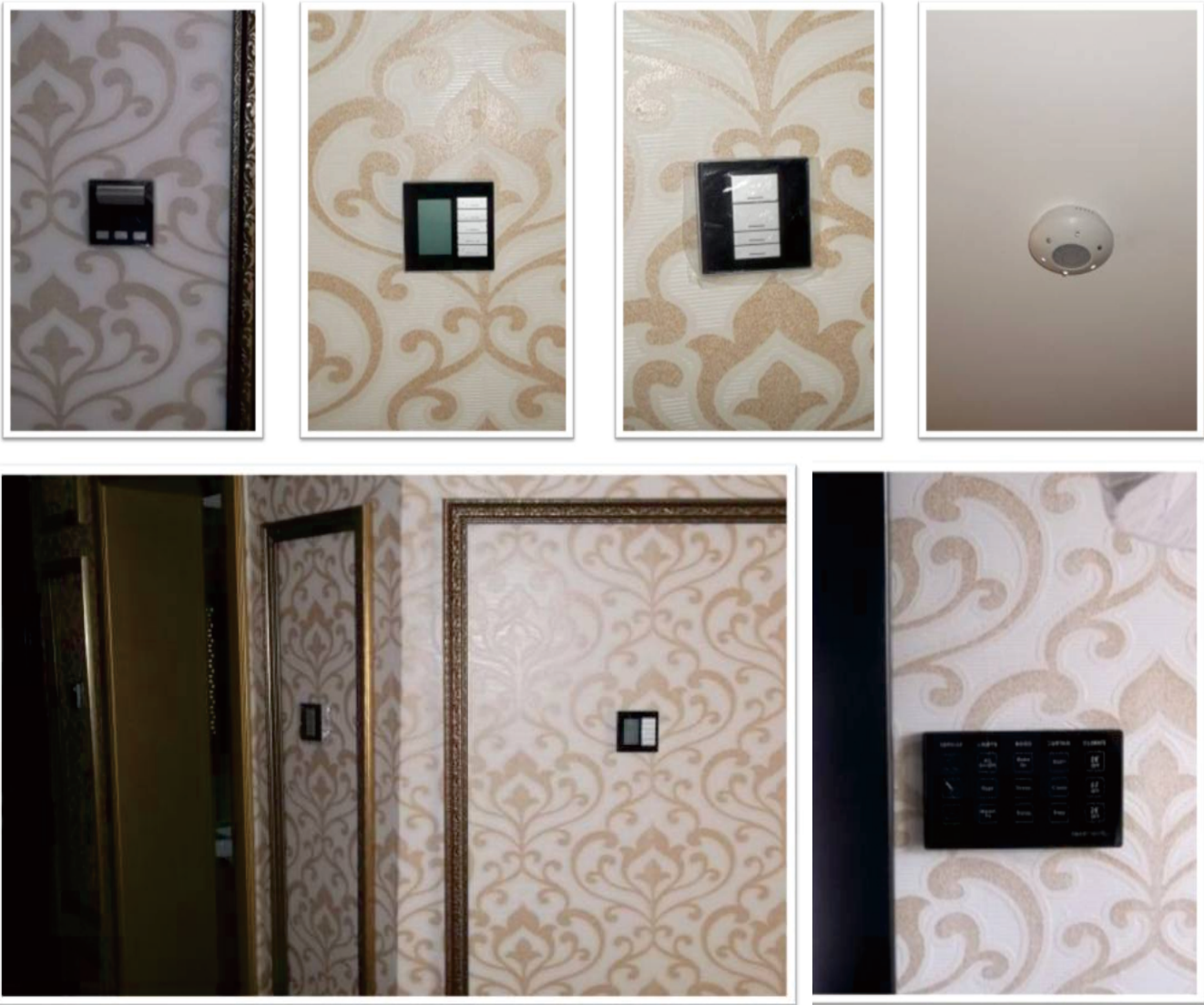


Summerset Continental Hotel (Abuja, Nigeria)



Summerset Continental Hotel (Abuja, Nigeria)

Smart Hotel Projects



Summerset Continental Hotel (Abuja, Nigeria)

More Projects...