retrotouch®
Electrical products

Insert Card For Power

Carry the card when you leave

BOUTIQUE™

HOTEL ROOM MANAGMENT SOLUTIONS

BOUTIQUE™

PROVIDING UNFORGETABLE GUEST EXPERIANCE

The Boutique range cleverly combines the latest technology with carefully considered looks to create a clean and elegant design to suit both modern and classic interiors alike. Each item is designed for heavy duty hotel use and is engineered to last.

Retrotouch's high quality product range comprises of room managment systems keycard switches, hotel doorbell kits and door signs, Switches, Sockets, Wiring Accessories, Thermostats and in Ceiling Audio Systems.
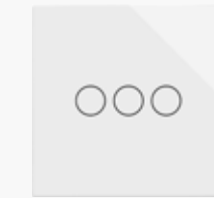

BOUTIQUE™
COLOURS AND FINISHES

BRUSHED ALUMINIUM

METAL FINISHES

GLASS FINISHES

BESPOKE FINISH SERVICE AVAILABLE

Saving Energy Costs up to 30% and Ensure Guest Comfort

Energy is the second highest cost for the hospitality industry. Most of this cost is wasted keeping guestrooms A/C at low temperature and full speed, even though the guest is not in the room. Our intelligent Room Management Solution will allow you to increase the efficiency of your A/C system and therefore dramatically reduce your energy bill.

Reducing energy cost should not compromise your guests comfort. intelligent Energy Management Solution will take control of the room temperature when the rooms are not occupied, never allow to be either too warm or too cold. As soon as guests return to their rooms, the system automatically returns to the guest temperature settings.

Efficiency Management

Oversee room status in reception, allows staff to execute their fast respond for room cleaning, laundry, and service requirements without ever disturbing the guests.

Manage guest reservations and invoices for greater efficiency and faster payments.

Prioritize and oversee repairs of out-of-order rooms to get them back in service soon.

BOUTIQUE
FUNCTION & FLOW

When guest enter the room for the first time, Welcome mode is activated. The drapes
and sheers opened, music started playing and the lights gradually brightened.
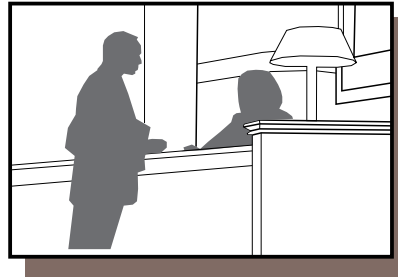
Check In At Reception

◆ Automatically set up the room condition to occupied
   through the room management software.
◆ Start the AC to a comfortable temperature through
   the software.

Hotel Room Enter

◆ Use the card to open the door.
◆ Automatically switch corridor lamp for guest adapting
   to the room conditions.

Insert Card For Power

◆ Insert the card to the card key switch with the functions
   of intelligent identity recognition (guest, staff, administrator.
◆ Power supply for all sockets, including TV, hair dryer, kettle etc.

Air Conditioner Control

◆ Remote Control: remote start AC as soon as guest check
   in at reception.
◆ Free Control: after guests enter room to insert the card, AC
   temperature can be controlled by the panel.
◆ Energy-Saving Mode: AC system automatically start preset
   energy-saving mode when nobody in room.
◆ Sleep Mode: AC auto run to preset sleep mode in the beginning
   of setting time; it will exist t at the end of setting time.
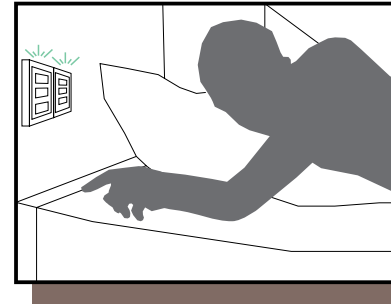
Lighting Control

◆ Room lightings can be controlled through single button,
   scene button or master button.
◆ Left and right bedside lamps can be dimmed individually.

Curtain Control

◆ Guests can freely adjust curtain conditions
◆ Multi time-period control
◆ Curtain automatic close after guests leave the room

Room Condition Indicator

◆ Software interface will real-time display the room conditions
◆ MUR and DND keypads are interlocking.
◆ Once Please Wait or DND on, doorbell can not be rang.

Bathroom Scene Control

◆ Set scene control mode, such as full brightness, soft
   brightness, bath mode etc.
◆ Press bath mode switch, lighting and exhaust fan will auto
   start, background music ring out, electriccurtain fall down.
◆ Human body induction detection system detect nobody,
   it will automatically delay and shut down lighting and fan
   to achieve energy saving effect.

FUNCTION & FLOW CONTINUED

*When guest enter the room for the first time, Welcome mode is activated. The drapes
and sheers opened, music started playing and the lights gradually brightened.*

SOS Help

◆ SOS emergency button is normally installed in bathroom,
once guests press SOS button, reception management
software will give prompt notice.

◆ When SOS button is pressed, Please Wait and DND will be
invalid.

Guests Visiting

◆ When there is a visitor pressing the doorbell button,
real-time images would be displayed synchronously
on tablet PC pad and TV.

Go Out Mode

◆ Remove the card, AC system automatically transforms
to the state of keeping warm.

◆ All lighting and all controlled sockets will be power off.

◆ Exhaust fan supply air at regular time for fresh and
comfortable environment.
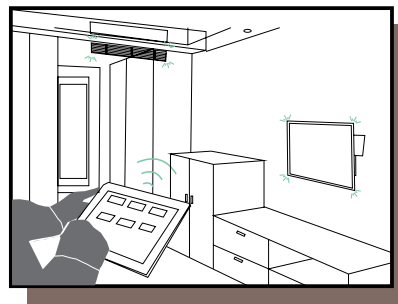
Mobile Terminal Control

◆ Main page service functions such as calendar, weather,
hotel information etc.

◆ Enable to control lighting, curtain, air conditioner, TV etc.

◆ Enable to connect CCTV, when guests press doorbell switch,
video images will appear in tablet PC.

Sleep Scene Control

◆ Once guests press sleep scene switch, night lamps
turn on, other lighting, music, TV and curtains out of
work.
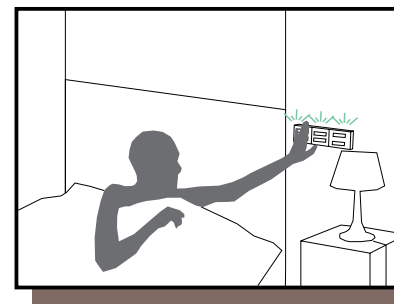
Master ON/ OFF Control

◆ Bedside panel has master ON/ OFF button, which can
turn on or off all lighting, music, TV and curtain etc.

◆ After all lighting off, press any switch to turn on night lamp.

Check Out

◆ Guests press check out switch, the information will be
sent immediately to the reception,   speed up and simplify
the procedure and avoid guest waiting.

◆ After guests finish check out, room conditions will resume
to check out mode through room management software.

◆ Air conditioner system automatically return to the mode of
room on rent.

BOUTIQUE

X100C SPECIFICATIONS

When guest enter the room for the first time, Welcome mode is activated. The drapes and sheers opened, music started playing and the lights gradually brightened.

X100C Hotel Room Control Unit (RCU) composes by RCU host, room control panels. system software and module extensible. The host and module are all standard rail mounting mode, easy and fast for installation. Lighting, exhaust fan, air-conditioner, curtain, audio, video and service information are controlled by low voltage panels. By CAN-BUS communication or Ethernet, the system can enable remote management, and can be controlled by IPAD, IPhone or Android system, creating elegant, warm and comfortable environment for guest rooms.

Integrating the RCU with central air-conditioner or split air-conditioner allows the hotel to reduce unnecessary energy consumption. RS485 protocol should go with the central air-conditioner. But for split air-conditioner, the hotel needs an additional infrared study panel to launch the infrared to the central system to realize the remote control in long distance.
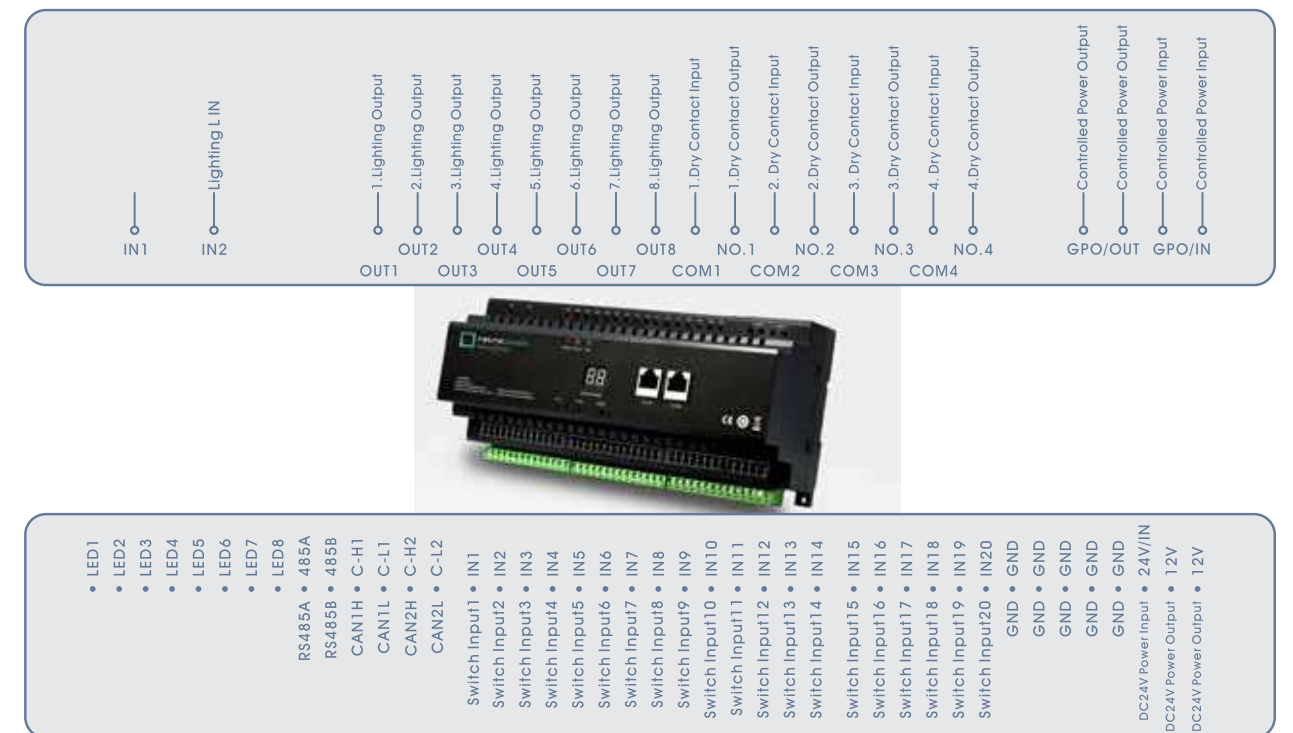
X100C Hotel Room Control Unit (RCU)
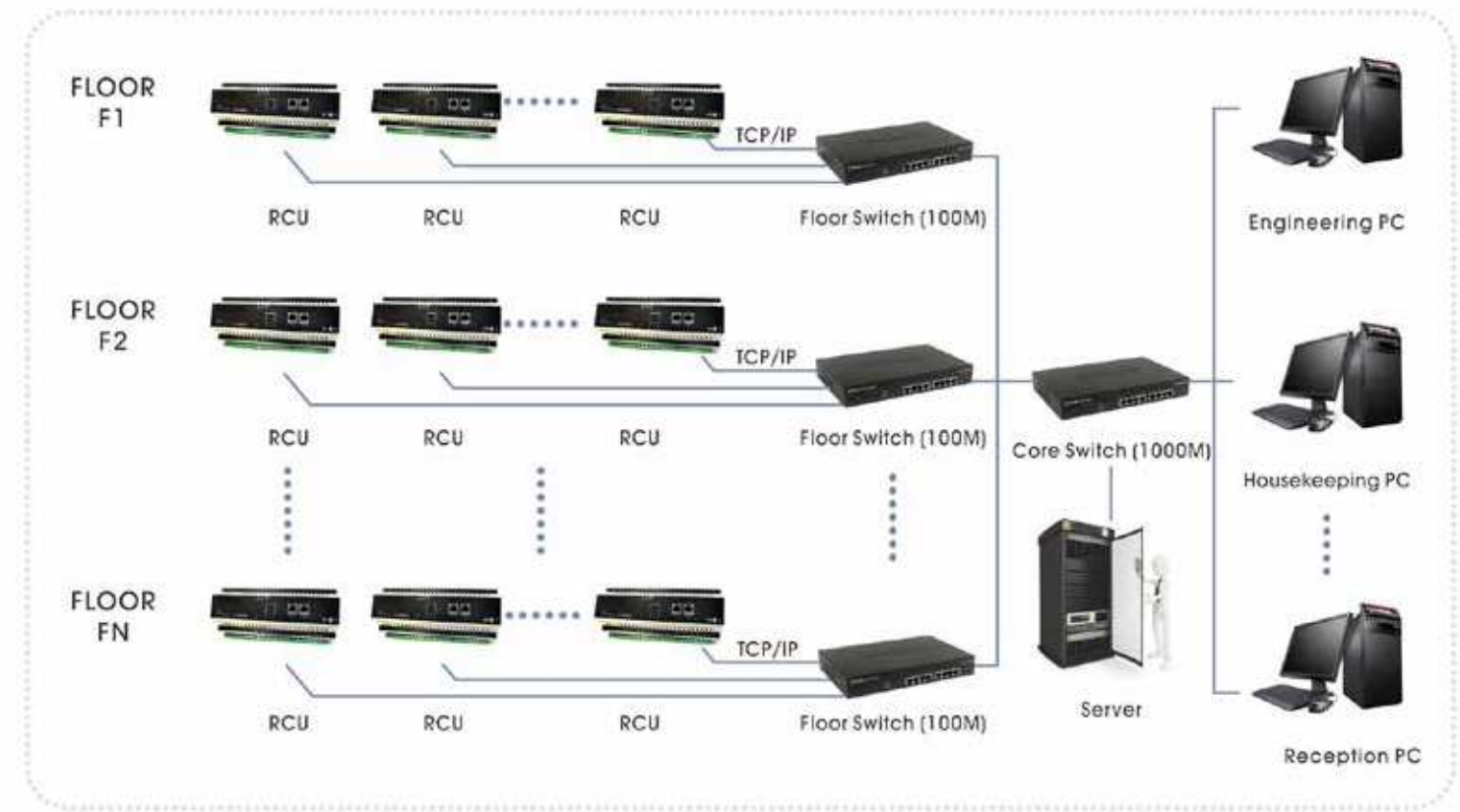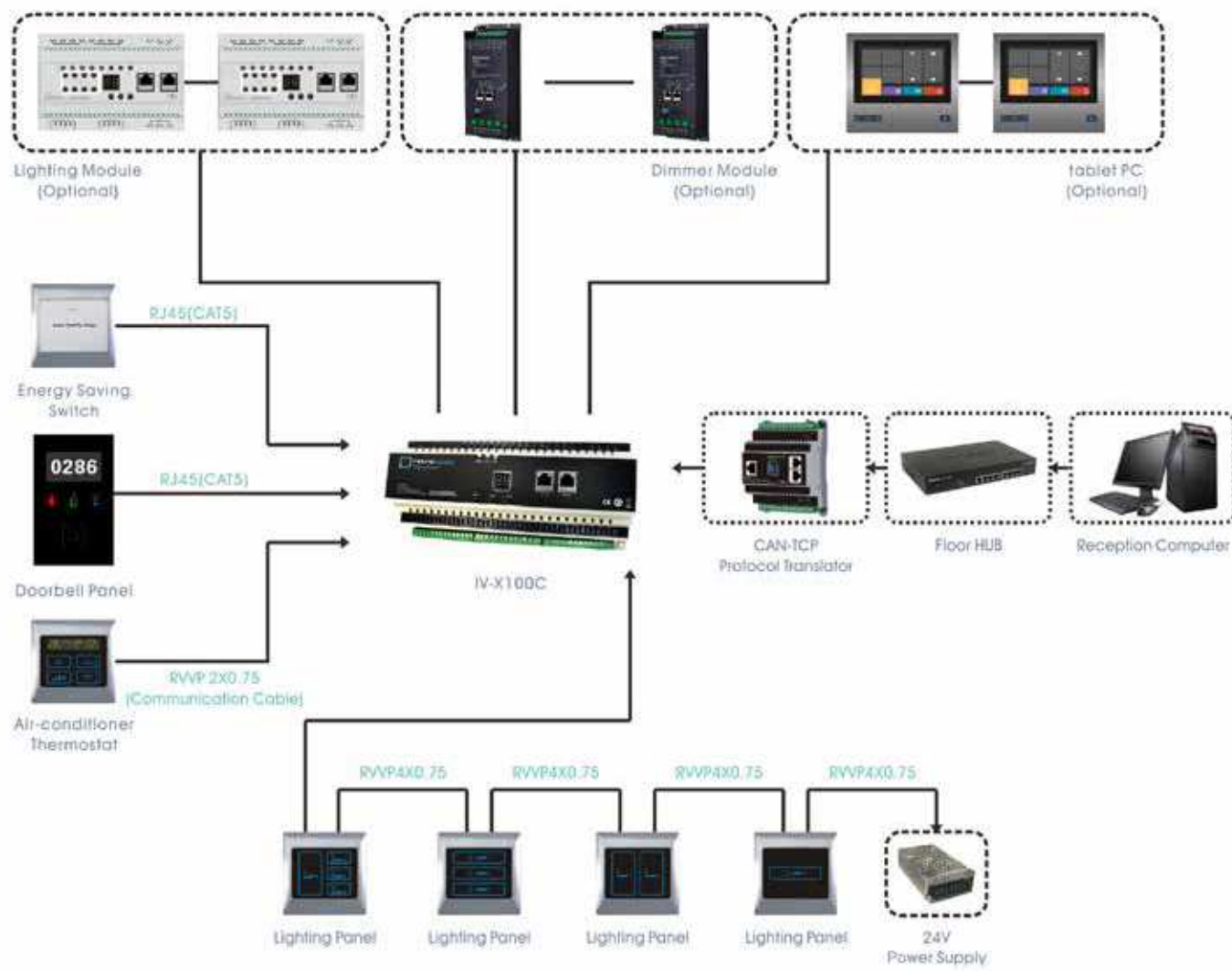
Functional Description

- 20 Gangs switch signal input: Make up room, Do not disturb, Please wait, Check out, Collect Laundry, S0S Emergency, PIR sensor, Door magnetic, Master ON/OFF, Sleep scene, Leaving scene, Reading scene, Leisure scene, Exhaust fan, Bathroom lamp, Room Lamp, Lights, Spotlight, Curtain ON. Curtain OFF.

- 8 Gangs indicator signal input: Make up room, Do not disturb, Please wait, Check out, Collect Laundry, etc.

- 12 Gangs 5A relay input: Exhaust fan, PIR sensor, Door magnetic, Bathroom lamp, Room Lamp, Lights, Spotlight, Bedside lamp, Reading lamp, Doorbell, Curtain ON. Curtain OFF.

- 1 Gangs 15A relay input: Controlled socket

X100C Host Technical Specifications

NO.	Description	Specification	Control Mode	Remark
①	Operating voltage			DC24V
②	Consumption power			Less than 6W
③	Operating temperature			−10℃ ~ 60℃
④	Operating humidity			0% ~ 95% Relative humidity，no Condensing
⑤	Dimension			W245mm x H100mm x D74mm
⑥	Installation			Standard rail mounting
⑦	Switch signal input	20 Gangs (60 Gangs extensible)	0V Contact signal/Level signal	
⑧	Lighting	8 Gangs (48 Gangs extensible)	5A Relay（10A Relay extensible）	
⑨	Indicator signal input	8 Gangs	0V Level signal	
⑩	Stepless dimming	0 Gang (16 Gangs extensible)	Triac	Incandescent lamp & some LED
⑪	Controlled power	1 Gang	15A Relay	
⑫	Electric curtain	4 Gangs in 2 Groups (20 Groups extensible)	5A Relay（10A Relay extensible）	
⑬	TCP/IP Communication interface	1 Group	TCP/IP OR CAN-BUS	IF TCP/IP, Connect to floor switchboard；IF CAN-BUS, Connect to protocol converter
⑭	RS485 Communication interface	2 Groups	RS485 OR CAN-BUS	① RS485 For card key switch, A/C thermostat & outdoor panel connection；② CAN-BUS For touch panel in CAN protocol, PAD, 8 gangs relay module extensible, 4 gangs dimmer module extensible, etc.
⑮	Fuse	3 Groups	1 Gang 15A controlled socket，2 gangs 8A lighting switch	
⑯	Low voltage terminals			Maximum wire cross-sectional area: 2.0 mm²
⑰	High voltage terminals			Maximum wire cross-sectional area: 2.5 mm²

Wiring Diagram

X100C ROOM MAP

X100C HOTEL CONTROL MAP

Lighting Module (Optional)

Dimmer Module (Optional)

tablet PC (Optional)

Energy Saving Switch

RJ45(CAT5)

0286

RJ45(CAT5)

Doorbell Panel

Air-conditioner Thermostat

RVVP 2X0.75 (Communication Cable)

IV-X100C

CAN-TCP Protocol Translator

Floor HUB

Reception Computer

RVVP4X0.75   RVVP4X0.75   RVVP4X0.75   RVVP4X0.75

Lighting Panel   Lighting Panel   Lighting Panel   Lighting Panel   24V Power Supply

FLOOR F1

RCU   RCU   RCU   Floor Switch (100M)

TCP/IP

Engineering PC

FLOOR F2

RCU   RCU   RCU   Floor Switch (100M)

TCP/IP

Core Switch (1000M)

Housekeeping PC

FLOOR FN

RCU   RCU   RCU   Floor Switch (100M)

TCP/IP

Server

Reception PC

RCU
X100C

Power Supply
Module DC24V

Dimmer Module

In room wall PC

Mp3 Player

Dimmer control

Lighting switch

Audio system

Lighting switch

Dimmer Control

Lighting switch

Telephone &
computer socket

Outdoor panel

Indoor panel

Door Magnetic

Card key switch

Air-conditioner
thermostat

Lighting switch

Emergency socket

PIR lighting sensor

Curtain control

Computer socket

Universial Socket

Floor light switch

Shaving socket

TV Socket

multi-media

multi-media

Universial Socket

— DC12V/24V

— AC220V

BOUTIQUE™

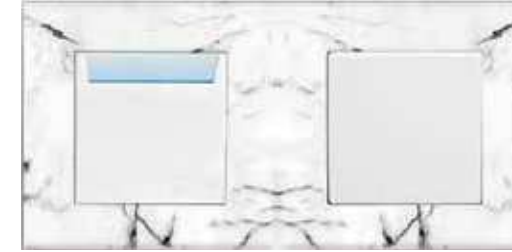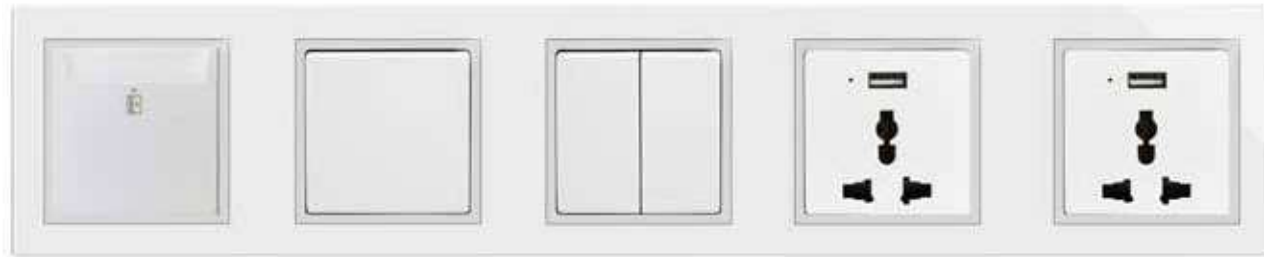## BESPOKE DESIGN SERVICE

The Retrotouch design team pick and mix the switches, sockets and wiring accessories to create your perfect combinations, available in 2-5 gang cover plates.

CALL OUR DESIGN TEAM ON +44 (0) 1293 279 426
OR EMAIL SALES@RETROTOUCH.CO.UK
TO DISCUSS YOUR PROJECT

GUEST ROOM
MANAGMENT SOFTWARE

Brief Introduction

hotel guest room management software provides software interface for hotel room conditions and information central management, and enables to visit server database in Client or Server mode through Internet TCP or IP protocol, which dynamically display room conditions in various intuitive and interactive method to conveniently monitor and control. Serve operation system can be applicable to multi-platform(such as UNIX,LINUS,WINDOWS NT 4.0, WINDOWS 2000,SERVER). Client software(Computers of reception, guest room, engineering, manager departments etc) can be applicable to the platform of 2000, XP, WIN7 etc, graphical interface, visual form, easy learning, simple operation. It can be seamless joint with hotel management software of OPERA, CSHIS, WESTSOFT and PMSPMS etc.

Functions

● Status Notification: Software would automatically display different icons once the room conditions have been changed. Ex: occupied, unoccupied, DND, MUR, etc.

● AC Remote Control: Automatically switch on the AC once guests finish check in, which keeps the room temperature comfortable to welcome the guests.

● Card Identity Recognition: Guest card, Staff card, Administrator card, three difference cards can be authorized with different rights.

● Real-Time Temperature Display: temperature alarm function is available when the temperature is too high or too low.

● Service Response: service information guests request will show at first time.

● Failure Notification: real-time recording guests requests service (Ex: MUR) and RCU communication failure status and time, etc

● Record Inquiry: System working record and operation log, recording the working situations of hotel staffs and making hotel management more standard.

● Dynamic Display: all floors or selected floor can be switched easily;

● Data Statistics: room condition and service information data statistics and analysis;

● Administration Authority: different user name and different of authority for different departments.

Software Interface

With standard software interfaces, it enables data exchange very convenient with other hotel management softwares (such as Opera, CS&S, FOXHIS, etc). The software platform and database could be set up under the requirements of hotel management system and one-card solution, or allow linkage with BA.

Tablet Software Menu

HOTEL ROOM WIRING PRODUCTS

ROOM CARD KEY SWITCH

Cut down your establishment's electric bill with this energy saving device. Guests use the same key to access their room and activate the power. With a prominent blue LED glow and range of colour options, this unit will not only save your business money, but will also be a sophisticated addition to your guestrooms.

White Plastic

Black Acrylic

Copper Metal

Charcoal Plastic

White Acrylic

Brushed Metal

Gold/Brass Plastic

Gold/Brass Acrylic

Gold/Brass Metal

Black Plastic
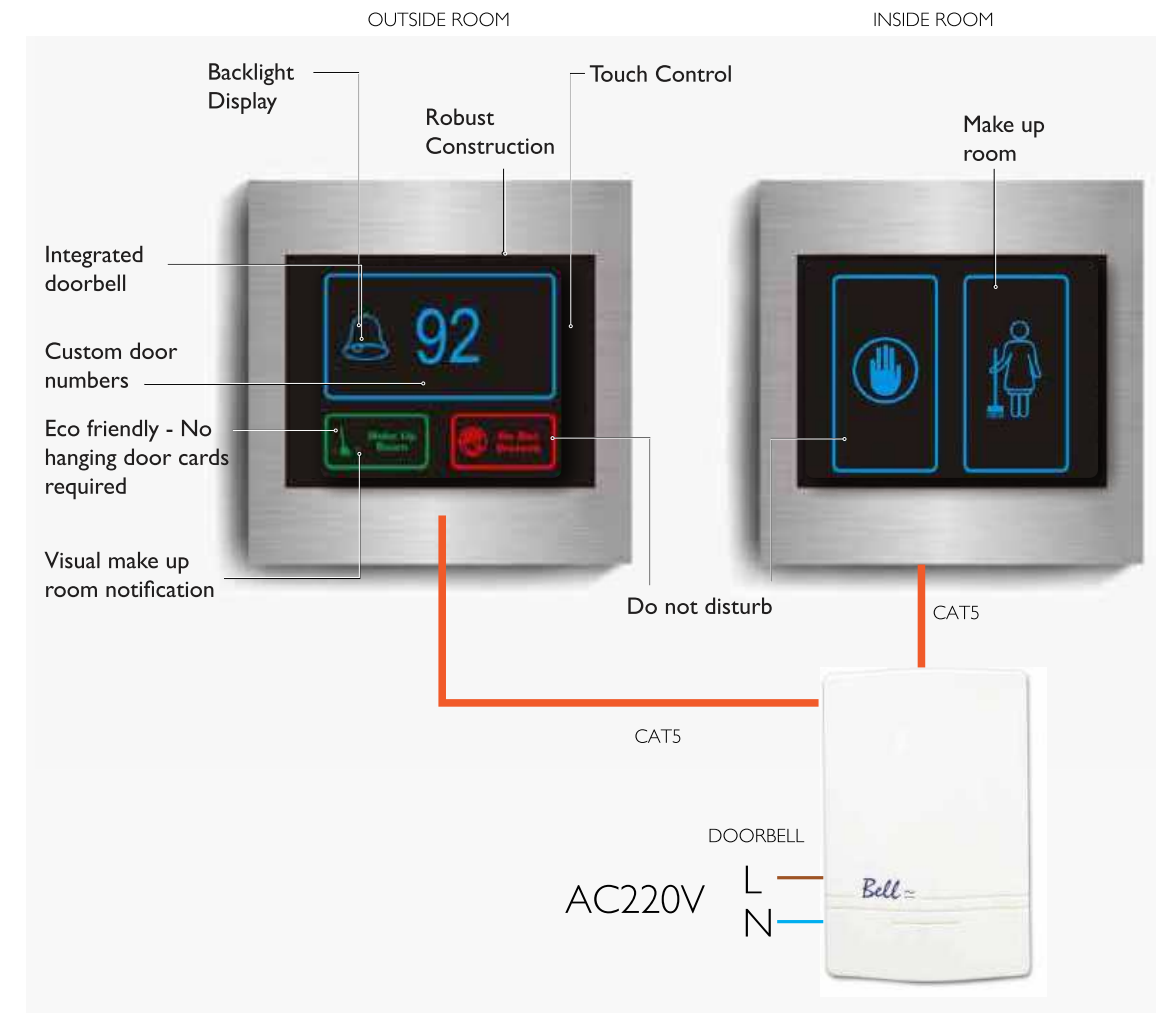
Silver Plastic:

Premium finishes

Available for card types:
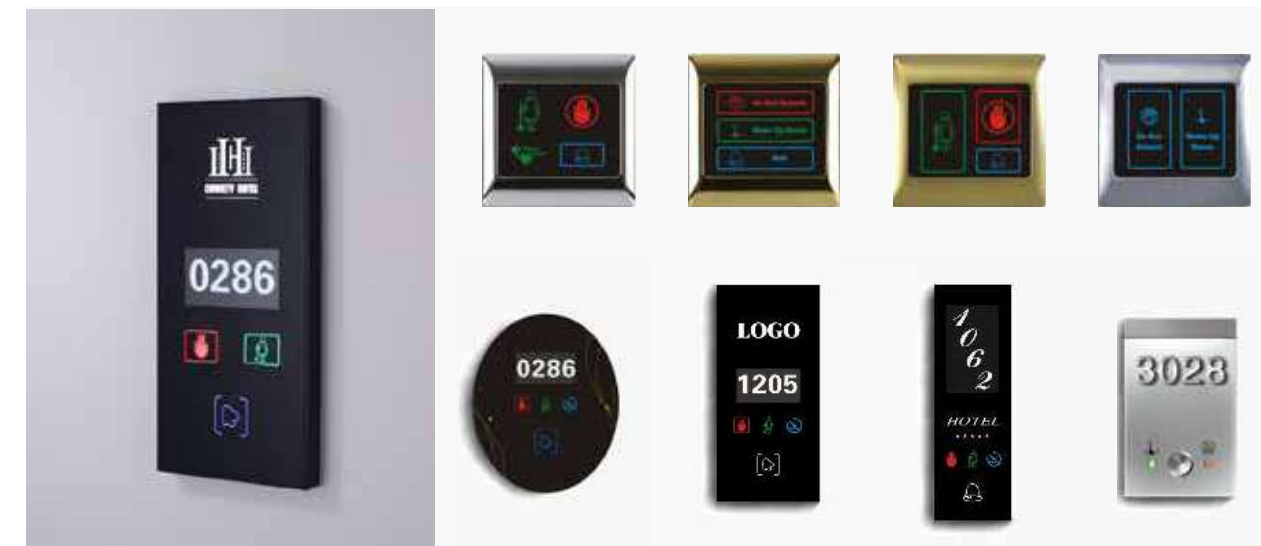
– Anycard
– MiFare
– Magnetic
– RF

BOUTIQUE™

HOTEL DOOR SIGNS & DOORBELL KIT

Cost effective, environmentally friendly and attractive… this hotel doorbell system will transform your establishment into one of class and efficiency. With a multitude of features, this system provides an easy transition from paper or plastic doorknob hangers to an all-in-one notification system, designed specifically as an easy way for guests and hotel staff to communicate.

OUTSIDE ROOM

INSIDE ROOM

Backlight Display

Touch Control

Robust Construction

Make up room

Integrated doorbell

Custom door numbers

Eco friendly - No hanging door cards required

Visual make up room notification

Do not disturb

CAT5

CAT5

DOORBELL

AC220V L N

Bell ≈

AVAILABLE IN A CHOICE OF FINISHES AND CUSTOM GRAPHICS TO SUIT YOUR HOTEL DECOR

BOUTIQUE
SWITCHES AND SOCKETS

As with all of Retrotouch's switches and sockets each unit brings a sophisticated finish to any room. Retrotouch hasn't forgot the fine details… all of our panels boast smooth, screwless facades, allowing them to fit seamlessly into your existing décor and color scheme

CUSTOM COMBINATION PLATES

TOUCH LIGHT SWITCHES

ROCKER AND RETRACTIVE SWITCHES

WIRING ACCESSORIES

WWW.SMARTHOMEGCC.COM

BOUTIQUE

SINGLE ROOM THERMOSTATS, HVAC, & UNDERFLOOR HEATING CONTROL

Retrotouch room thermostats each control & set the room temperature in style whilst offering users an intuative and easy to operate interface packaged in a high quality design.

ROOM & UNDERFLOOR THERMOSTATS

HVAC - AIR CONDITIONING CONTROLLER

BLUETOOTH CEILING SPEAKERS

This Bluetooth in-ceiling loudspeaker delivers powerful and wireless clear sound. The frameless design with grill thats magnetically attaches to loudspeaker only protrudes 3mm from the ceiling. The grill can be painted with ceiling paint to create a virtually invisible look to these high performance speakers.
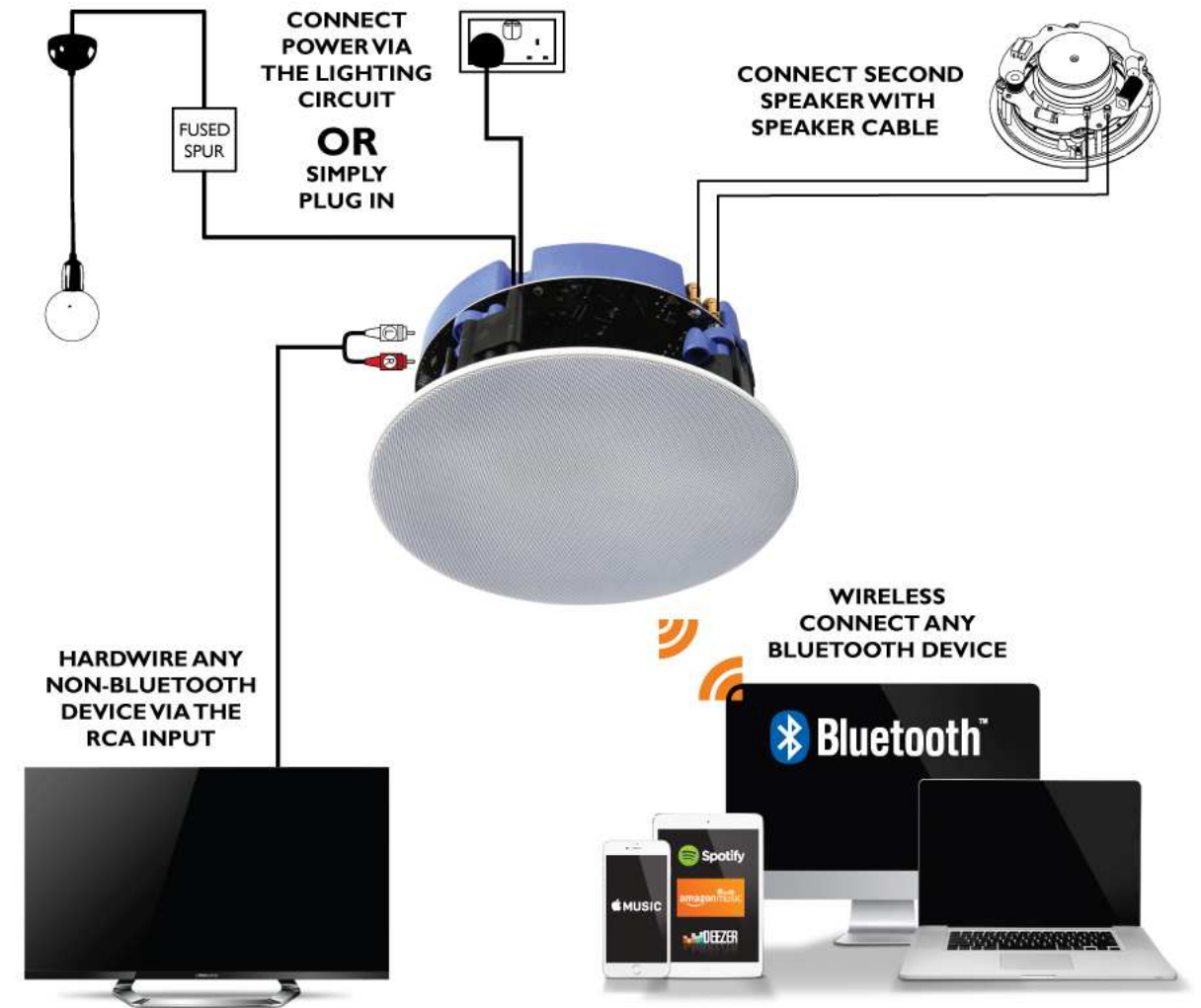
ROOM ONLY OR ROOM & BATHROOM KITS

POWER IT. PAIR IT. PLAY IT.

CONNECT POWER VIA THE LIGHTING CIRCUIT

OR

SIMPLY PLUG IN

FUSED SPUR

CONNECT SECOND SPEAKER WITH SPEAKER CABLE

HARDWIRE ANY NON-BLUETOOTH DEVICE VIA THE RCA INPUT

WIRELESS CONNECT ANY BLUETOOTH DEVICE

Bluetooth™

FEATURES FOR HOTEL ROOMS

- Connect room TV via auxiliary input
- Customer can pair any Bluetooth device such as phone, tablet or laptop
- Individual room password protection
- Volume cap for hotel room (35db recommended for hotel rooms)
- Renamable to room number for easy identification
- 10M signal range
- Customised in room instruction card available
- The high quality speakers are available in standard or IP44 rated waterproof models
- Virtually invisible with only 3mm thin profile

BOUTIQUE
IN WALL AUDIO & USB CHARGING KIT

This Audio System combines style and state of the art technology. It features a glass back lit touch panel, high quality amplifier with built-in FM tuner. The Bluetooth connectivity and USB charger make for a practical addition for rooms.

INCLUDED IN THE KIT:

REMOTE CONTROL

BLUETOOTH, USB CHARGER AUX IN & SD CARD READER

TOUCH DISPLAY CONTROL

2X CAT5 CABLES

2X HIGH PERFORMANCE LITHE AUDIO CEILING SPEAKERS
ALSO INCLUDES 10M SPEAKER CABLE

50RMS AMPLIFIER & POWER CABLES

FEATURING

- Connect TV, MP3 player, phone or tablet can be connected via Audio System's two auxiliary inputs.
- Any Bluetooth device can be paired and played through the system
- Built in USB charger
- A volume cap for hotel room can be applied (35db recommended for hotel rooms)
- Integrated clock and alarm clock
- Built in radio
- Various finishes and colours to suit your decor
- The high quality speakers are available in standard or IP44 rated waterproof models
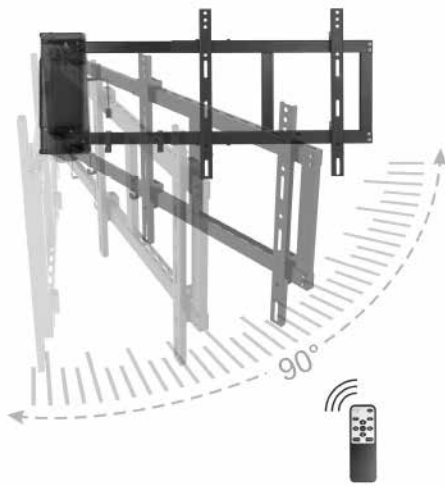
FOR ROOMS

FOR BATHROOMS

. A T E C.

BOUTIQUE™
TV BRACKETS

MOTORISED & REMOTE TV WALL MOUNTS
FOR UP TO 60'' CURVED & FLAT PANEL TVS

90 DEGREE SWING	CEILING FLIP DOWN	OUT AND PAN

90°

0°~75°

Curved TV

X-LARGE HEAVY-DUTY TV WALL MOUNTS
FOR MOST 60''-100'' CURVED & FLAT PANEL TVS

FIXED CURVED & FLAT PANEL TVS	TILT CURVED & FLAT PANEL TVS

+15°~-15°

60''~100''

Curved TV

VARIOUS SIZES AND MODELS AVAILABLE FOR IN ROOM MOUNTS. CONTACT US WITH YOUR REQUIREMENTS.

49MM - 299MM

49MM - 299MM

±30°

Insert Card For Power

Carry the card when you leave