

Show Room Catalog



Hotels-GRMS

1. RCU (Room Control Unit) :

TME.A-RCU-6 is a hotel guestroom control unit (RCU) which is the brain of the whole system. It can be extended by circuit I/O module and dimming LED module

It has:

- 9 channel 10A on/off circuits, 1 channel 30A socket circuit
- 16 channel dry contact digital input
- 16 channel dry contact digital output.
- 3 channel RS-485 interface
- Terminal block cover
- LED screen for reset, test, error and mode
- From hotel management software, it can control and monitor doorbell panel, as well as the identity (guest, cleaner, manager....)

* Electrical Parameters :

- Working power 12V DC
- Static Power consumption 70mA/12V
- Dynamic power consumption 450mA/12v
- RJ45 Connection UDP/IP network interface
- Signal Interface RJ45, RS485
- Relay output 10A/30A



2. Inputs & Outputs Expansion Module :

TME.A-IO-EX-6 is an expansion module for main RCU **TME.A-RCU-6**

To extend the inputs and outputs of the system

This module can connect with **TME.A-RCU-6** by data cable as plug and play

- 10 channel on/off circuits
- 24 channel dry contact digital input
- 24 channel dry contact digital output
- A toggle switch to distinguish expansion module
- Same size as A6 **TME.A-RCU-6**
- Replaceable fuse and current shouldn't exceed 10A
- With test function to check if circuits work



3. 12 VDC Power Supply :

The system is powered from 12 VDC for all modules and switches



4. Dimming Module :

TME.A-DIM-4CH is a 4 Road 0-10V Dimming expansion board suitable for 1-10V led lamp

The module connect with RCU over RS485-RTU
Module can be addressed physically by DIP switch



5. RGB Module :

TME.A-RGB-1CH is a 3Road RGB LED strip-Dimming expansion board
RS-485 Bus interface, 8-Bit address Code , support connect up to 255 drives
on the same line, 3 Road RGB light dimming, Support RGB light power
12V /24V, 1 road Max Load : 30A



6. Sensors- Music and Door Bell :

There are some additional equipment used in most hotel rooms to complete the solution of the room, we have PIR motion sensor to detect the occupancy of room, door and window magnetic switch to detect the door activity also for window if it is open to make interlock with air conditioning system to turn it off and save electrical energy cost.

Music control over a device controller **TME.MSV-M1** this master allow the guest room to run predefined music burned on SD card or to share the music from his/ her mobile over Bluetooth.

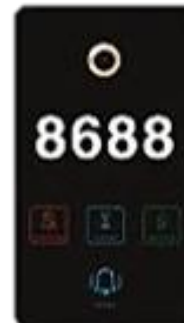
Also we can use the music master to announce for and event in hotel or for evacuate for fire or other dangerous.






7. Switches & Outlets :

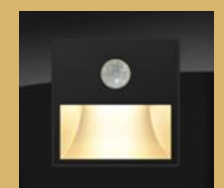
A. Glass Type :

- ◆ There are two kinds of Glass switches, traditional connected over digital inputs in RCU or Smart connected over RS485-RTU both kinds are available with colors and numbers of buttons , there are one button switch , two buttons, three buttons and four buttons in addition to all kinds of sockets (RJ45 for data, TV, Telephone, HDMI, USB, Power 220 VAC or 110 VAC), Door plate module and Keycard holder
- ◆ There are also two kinds of frames, single frame for one switch or outlet and assembled frames it calls Conjoined, the client can select any kind or count of switches to be conjoined together.



* Available Colors:

- Champagne 
- White 
- Black 



7. Switches & Outlets :

B. Metal Aluminum type :

- ◆ There are two kinds of Aluminum switches, traditional connected over digital inputs in RCU or Smart connected over RS485-RTU both kinds are available with colors and numbers of buttons , there are one button switch , two buttons, three buttons, four buttons and six buttons in additional to all kinds of sockets (RJ45 for data, TV, Telephone, HDMI, USB, Power 220 VAC or 110 VAC) and keycard holder. There are also two kinds of frames, single frame for one switch or outlet and assembled frames it calls Conjoined, the client can select any kind or count of switches to be conjoined together.

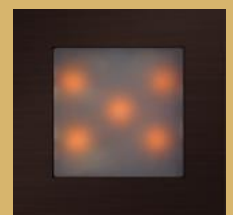


* Available Colors:

Champagne



Dark rose gold





7. Switches & Outlets :

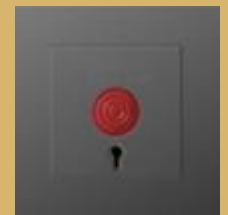
C. Plastic type :

- ◆ There are two kinds of Plastic switches, traditional connected over digital inputs in RCU or Smart connected over RS485-RTU both kinds are available with colors and numbers of buttons , there are one gang switch with 2 buttons , two gangs with 4 buttons and three gangs with 6 buttons. in addition to all kinds of sockets (RJ45 for data, TV, Telephone, HDMI, USB, Power 220 VAC or 110 VAC) and keycard holder. There are also two kinds of frames, single frame for one switch or outlet and assembled frames it calls Conjoined, the client can select any kind or count of switches to be conjoined together.



* Available Colors:

Champagne	
Gray	
Black	



8. Door Lock :

- ◆ Mifare card RF induction technology stainless steel head, handle, handle collar, lock cover American standard 5 tongue lock body, casting diagonal tongue, side tongue pieces Alkaline battery powered (4 AA alkaline batteries) Backup mechanical key to open the door 30 million life test Offline lock management system.
- ◆ There are also other accessories and tools to configure the system like:
RFID read/write tool - LCD handheld - Door lock management software

* Available designs & colors:

