

AUROCO-2800-SBEM ECONOMY RCU DATASHEET

MODEL NO.:

GCS-AU-SB-2800-SBEM

GENERAL

The GUEST CONTROL SYSTEMS LIMITED AUROCO-2800-SBEM ECONOMY RCU is smart guest room control unit that enable temperature, lighting, drape, bedside panel and tablet with integration to smart door lock, voice recognition system, guest optimization applications and property management systems.

With guestroom analytics, occupancy-based energy management and intuitive guest facing technology, the hotel operator can manage individual room, or the entire cluster of rooms to drive energy efficiency, monitor alarms, perform proactive maintenance and improve operational efficiency, while the guest can enjoy exceptional comfort and convenience the expect.



SPECIFICATIONS

- Economy single board RCU complete with enclosure
- 10 channels 220V/16A AC output (use for lighting and drape control)
- 2channels 220V /30A AC output (for power socket and high power lighting)
- 18 channels low voltage output (switch backlight/room number/PLEASE WAIT/MUR/DND/door bell)
- 24 channel low voltage control input(switch/door bell/door magnetic contact/cabinet magnetic contact/infrared sensor/key card insert)
- 1 channel 485 communication bus
- TCIP100M gateway communication. The host can be connected to the network instantaneously when the network is disconnected.
- Memory storage capacity is 4KB
- Use squirrel-cage power supply casing with wide voltage input (85V ~ 277V).
- No-load power consumption <0.3W
- Over-voltage and over-load protection
- Deploy Omron high anti-surge and moisture-proof relays with maximum current of 16A and a service lifespan of more than 100,000 times.
- Low heat generation and fast heat dissipation.
- The 485 protocol can handle temperature control, infrared forwarding, switches, motors and various 485 control interfaces. Interface processing is within 300ms. All switches with 485 protocol can be connected.
- The chassis is stamped from 1.2MM high-strength cold-rolled steel plate with very robust structure.
- The main component uses an ARM-based processor, with low heat generation, long service lifespan and fast processing.

- The background control system adopts B/S architecture, which provide convenient view information (check-in / SOS / service / clean-up, etc.) on the mobile platform (tablet / mobile phone). The front-end computer only needs to open the webpage to work without requiring to install any Software for quick device replacement.
- Options
 1. 6 channels expansion board
 2. Voice recognition
 3. 433 wireless protocol interface for communication with wireless switches
- Enclosure measurement: 380mm X 260mm X 60mm
- Enclosure chassis color: Black

FEATURES

- Guestroom energy management
- Temperature control
- Lighting control with dimming & scenes
- Drape control
- DND/MUR/PLEASE WAIT
- Bedside panel control
- Tablet with intuitive digital experience
- Door lock integration
- Property management System integration
- Wired or wireless
- Proactive maintenance

ADVANTAGES

- Enhance guest experience and comfort
- Improve brand recognition
- Lower maintenance cost
- Remote monitoring & management
- Deliver intuitive experience
- Increase asset value and differentiation