

FACE RECOGNITION DATASHEET

GCS-AC-CA-1000-FREC



Overview

The intelligent face recognition system developed and manufactured by GuestControl™ adopts hardware face recognition algorithm with independent Intellectual property rights.

Facial information collection can be done on Windows system (face information is entered on the front computer webpage). It can also be performed on the Android system, or through third-party platforms, such as self-service machines, mobile APPs, etc.

The collected information is distributed point-to-point through the network or sent to the terminal house number, and the terminal house number face recognition. The time is within two seconds, the recognition accuracy is high, and the anti-counterfeiting is robust. Using infrared live detection, it can detect photos and high-definition mobile phones photos, etc. It can be accurately identified to ensure safety. When the permission expires, the face information of the terminal number plate is automatically deleted.

The display is an 8" high-definition wide-angle screen.

Applications

1. Someone is on duty
The front desk staff opens the application browser on the computer, records the guest face information, and connects with the PMS.
Relevant personal information: including name, gender, ID number, check-in time, check-out time, check-in room, room number (room ID number), etc., click Send when completed. The background server and the terminal house number can synchronize the information interest.
2. Unmanned self-service machines
The guests first swipe the second-generation ID card on the self-service machine, and then swipe their face according to the prompts, record the face information, and pass the personal identification card. After that, select the room number, fill in the check-in time and check-out time, click the send button after completion, and send. There is a prompt on the screen when the transmission is successful. The self-service machine automatically sends the face and room information to the face background.
3. Open the door
When the guest arrives at the house number of the room where he is staying, the screen of the house number shows the image of the guest's face and the image of the person's face. It must be in the box. After the identification is passed, the display shows: the door is open, welcome to check in. at the same time, the door lock has lights and "DiDi" voice prompts, and guests can open the door to check in.
4. Expiry
Upon check-out, guests can no longer open the door by scanning their faces. The information is automatically deleted, and the screen will display a red frame on the with prompt that " not registered".
5. Visitors
Visitors only need to press the doorbell button on the house number, and the doorbell in the room will ring to remind the guests that someone is visiting.
When the guest presses "Do Not Disturb", the DND icon on the house number lights up. The bell will not ring;
when the guest presses "please wait", the blue "please wait" icon on the house number flashes.
When the guest presses "MUR", the green "MUR" icon on the house plate lights up, prompting the service staff to clean the room.
If there is SOS button inside, the SOS sign on the screen will flas.

Specifications

- Product size: length, 303MM, width 131MM, outer wall thickness 22MM, standard 86 box installation inside the wall.
- Display area: 173MMX109MM
- LCD display pixel: 1280x800 full viewing angle 8-inch bright screen
- The main board adopts quad-core SV801 main chip, LINUX system, the main frequency is 1.8G: DDR and FLASH are: 2G+8G
- HD 2-megapixel dual security cameras, LED enhanced fill light



Wiring method

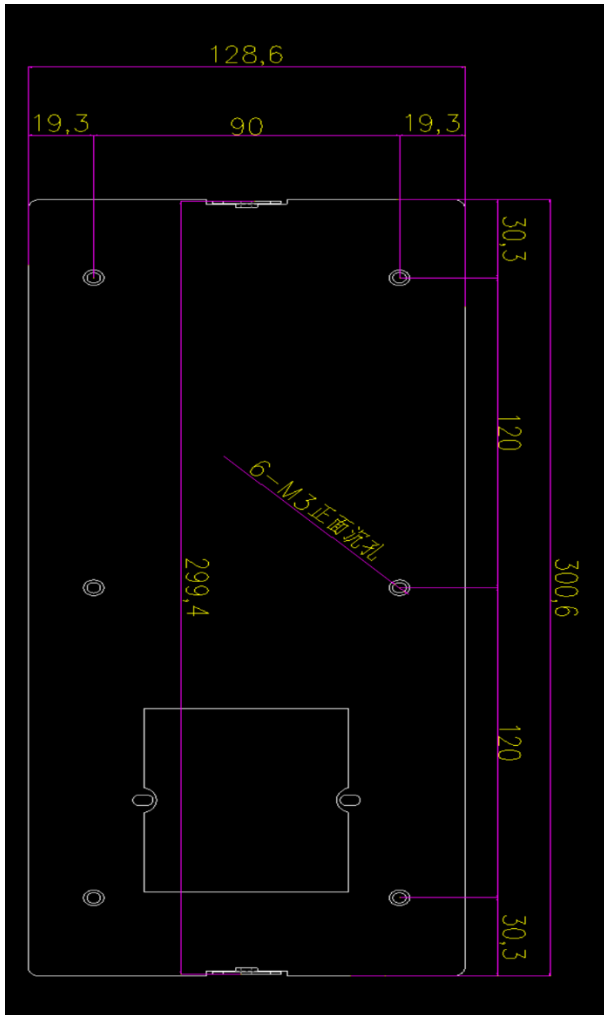
The face recognition panel uses 12V power source, the power supply uses network cable, 12V/GND is connected to 4 lines respectively, that is, one network cable is specially used for the door brand power supply (to the RCU host);

MUR, DND, WAIT/SOS (choose one of two), check-in, doorbell, unlock and other information are controlled by dry contact, one network line to the RCU host, the above contacts are active low;

The private network dedicated network cable is connected to the switch in the local area network for Internet access.

It is recommended to use Cat-5 and above network cables

Wall-mount installation (can be installed with standard 86 base box, and can also be installed with self-tapping screws on wood), the drilling diagram is as follows:



Installation height: When installing the 86 base box, the height of the center of the 86 box from the ground is 135CM;
 If the panel is fix directly on woos surface, the top of the product is 155CM from the ground

Applications

Stylish design with perfect craftsmanship, refinement and reliable performance. Recommended for hospitality or commercial environment.

Environment

| | |
|----------------------------------|----------------|
| 1. Ambient operation temperature | -5 to 40 deg C |
| 2. Relative humidity | 0 to 95% |
| 3. Application area | Indoor |