

### Model:

ACS-FR-HG06



### Main Features:

- Support real time liveness detection
- Support for human face tracking exposure in strong backlight
- Using Linux operating system, better system stability
- Mean time between failures MTBF>50000H
- Support 12,000+ face matching library and 80,000 face recognition records
- 3000 fingerprint optional, one person can enrol up to two fingerprints
- Rich interface protocol, support TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, SMTP, UPNP, MQTT protocol under Windows/Linux and other platforms
- Support personnel registration, device configuration, information query via front touch screen
- 5-inch IPS full-view HD display, no streaking and delay
- Rich hardware interface (I/O, WG26, WG34, RJ45, Door sensor, Doorbell, Open door, Alarm, RS485)

## Specifications:

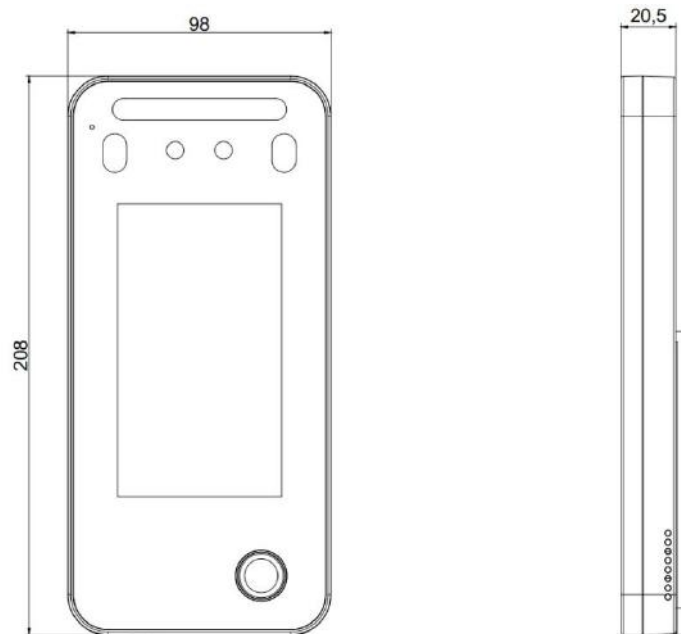


|                        |                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Model                  | ACS-FR-HG06                                                                                                                             |
| Hardware               |                                                                                                                                         |
| Processor              | Dual Core ARM Cortex-A7 and RISC-V MCU                                                                                                  |
| Operating system       | Linux Operating system                                                                                                                  |
| Memory                 | 1G+8G                                                                                                                                   |
| Sensor                 | 1/2.8" Progressive Scan CMOS                                                                                                            |
| Lens                   | 4.32mm                                                                                                                                  |
| WiFi module            | 2.4GHz Wifi SoC chip, integrated IEEE 802.11b/g/n baseband and RF circuit, maximum 54M physical layer rate                              |
| Card swiping module    | Mifare one (M1), S50, S70, NTAG2xx and other 13.56MHz frequency band cards, support 125KHz frequency band TK, EM and other series cards |
| Finger printing module | Capacitive fingerprint module, 160*160 pixels, 508dpi                                                                                   |
| Touch screen module    | Capacitive single touch screen                                                                                                          |
| Speaker                | Voice playback content can be customized                                                                                                |
| Performance            |                                                                                                                                         |
| Recognition height     | 1.2~2.3 meters, angle adjustable                                                                                                        |
| Recognition distance   | 0.3~1.5 meters, depends on lens                                                                                                         |
| Viewing angle          | Vertical viewing angle: 30°, Horizontal viewing angle: 30°                                                                              |
| Recognition time       | Less than 0.3 seconds                                                                                                                   |
| Storage capacity       | 80,000 capture records                                                                                                                  |
| Face capacity          | 12,000pcs                                                                                                                               |
| Fingerprint capacity   | 3,000pcs                                                                                                                                |
| Interface              |                                                                                                                                         |
| Power out              | DC12V/2A                                                                                                                                |
| Network interface      | 1 RJ45 10M / 100M adaptive Ethernet port                                                                                                |

|                         |                                                   |                                                                                       |
|-------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------|
| Wiegand interface       | 1ch Wiegand interface input/output                |                                                                                       |
| Alarm interface         | 1ch alarm interface                               |                                                                                       |
| Door sensor interface   | 1ch magnetic interface                            |                                                                                       |
| Open interface          | 1ch open door interface                           |                                                                                       |
| Doorbell interface      | 1ch doorbell interface                            |                                                                                       |
| Lock interface          | 1ch lock interface                                |                                                                                       |
| Communication interface | 1ch RS485 interface                               |                                                                                       |
| Wiegand power           | 1ch Wiegand power interface/12V                   |                                                                                       |
| USB interface           | 1ch USB interface                                 |                                                                                       |
| Camera                  |                                                   |                                                                                       |
| Camera                  | Dual cameras                                      |                                                                                       |
| Effective pixels        | 2MP, 1920*1080                                    |                                                                                       |
| Min Illumination        | Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2 (ICR) |                                                                                       |
| SNR                     | ≥50db(AGC OFF)                                    |                                                                                       |
| WDR                     | 120db, ISP algorithm face partial exposure        |                                                                                       |
| Image                   | Main Stream                                       | 50Hz: 25fps (1920×1080,1280×720)                                                      |
|                         |                                                   | 60Hz: 30fps (1920×1080,1280×720)                                                      |
|                         | Sub Stream                                        | 720*576, 1-25(30) frames/sec/640*480, 1-25(30)frames/sec 320*240, 1-25(30) frames/sec |
| Function                |                                                   |                                                                                       |
| Web side configuration  | Support                                           |                                                                                       |
| Remote upgrade          | Support                                           |                                                                                       |
| Regular                 |                                                   |                                                                                       |
| Operating temperature   | -20℃ - +55℃                                       |                                                                                       |
| Working humidity        | 0~90% relative humidity, no condensation          |                                                                                       |
| Salt spray              | Level Rp6 or above                                |                                                                                       |

|                |                                                 |
|----------------|-------------------------------------------------|
| Antistatic     | Contact $\pm 6\text{KV}$ , air $\pm 8\text{KV}$ |
| Power          | DC12V/2A                                        |
| Waterproof     | IP55                                            |
| Power          | 10W(MAX)                                        |
| Equipment size | 208(L) * 98 (W) * 20.5(T) mm                    |
| Screen size    | 5 inches IPS screen, resolution: 854*480        |

### Size:



### Interface:

