

DHI-ASI8223Y(V2)

Face Recognition Access Standalone



- 10.1 inch LCD, touchscreen
- With face detection box; the largest face among faces that appear at the same time is recognized first; the maximum face size can be configured on the web
- 2MP wide-angle WDR lens; with auto/manual fill light
- With face recognition algorithm, the access standalone can recognize more than 360 positions on human face
- Human face images can be sent from the management platform to the access standalone so that face comparison function can be realized
- Face verification accuracy > 99%; face comparison speed ≤ 0.2s per person; false recognition rate < 0.1%
- Support liveness detection
- Face can be recognized in front light and back light atmosphere

Technical Specification

System

| | |
|-----------------------------------|---|
| Main Processor | Embedded Processor |
| ROM | 8G |
| Network Protocol | RTSP, RTP, TCP, P2P |
| Information Storage | Face comparison result can be restored in the access standalone |
| Information Upload | Face comparison result can be uploaded to the network |
| Interoperability | ONVIF, CGI |
| Application Programming Interface | Support |

Basic

| | |
|------------------------|---|
| Appearance | Access standalone |
| Display | 10.1 inch screen |
| Screen Type | Capacitive touch screen |
| Screen Resolution | 1280x800 |
| Camera | 2 MP CMOS |
| WDR | 100dB |
| Light Compensation | Auto whitelight fill light Auto IR fill light |
| Status Indicator Light | 3 indicator lights. Red: Recognition failed; Green: Recognition succeeded; Blue: Standby mode |
| Voice Prompt | Support |

Function

| | |
|--------------------------------------|--|
| Unlock Mode | Card/Remote/Password/Face unlock Card, remote, password, and face combination unlock (optional) |
| Period List | 128 |
| Holiday Period | 128 |
| Network Update | Support |
| First-card Unlock | Support |
| Remote Verification | Support |
| Blacklist/Whitelist | Support |
| Advertisement Broadcast | Pictures can be played on the access standalone |
| Peripheral Card Reader | 1 RS-485, 1 Wiegand |
| Multi-card Unlock | Support |
| Real-time Surveillance | Support |
| Multiple Authentication | Support |
| Take Face Images after Swiping Cards | Support |
| Web Configuration | Support |
| Auto Register | Support |
| Face Recognition Range | Face-camera distance: 0.5 m–2.0 m Human height: 1.1 m–2.4 m |

| | |
|--------------------------------|---|
| Face Recognition Configuration | Anti-fake switch Recognition threshold Facial profile angle |
| Face Verification Accuracy | >99% |
| Face Recognition Speed | ≤0.2s |

User

| | |
|------------------------------|---------|
| General Card (User) | Support |
| Duress Card (User) | Support |
| Patrol Card (User) | Support |
| VIP Card (User) | Support |
| Guest Card (User) | Support |
| Card For The Disabled (User) | Support |

Capacity

| | |
|-----------------------|-----------------|
| User Amount | 100,000 |
| Face Amount | 20,000 |
| Password Amount | 100,000 |
| Bluetooth Card Amount | 100,000 |
| Storage Record Amount | 200,000 records |

Port

| | |
|-----------------------|--------------------------|
| RS-485 | 1 |
| RS-232 | 1 |
| Wiegand | 1 (26, 34, 66) |
| USB | 1 USB2.0 port |
| Network | 1 10M/100M Ethernet port |
| Alarm Input | 2 |
| Alarm Output | 2 |
| Alarm Linkage | Support |
| Unlock Button | 1 |
| Door Status Detection | 1 |
| Door Lock Control | 1 |

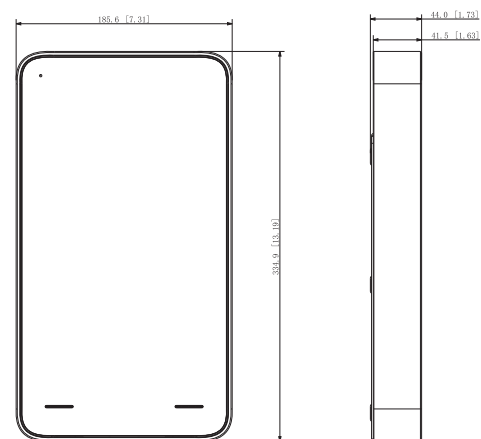
Alarm

| | |
|--|---------|
| Anti-passback | Support |
| Tamper | Support |
| Duress | Support |
| Door Sensor Timeout | Support |
| Illegal Intrusion | Support |
| Illegal Card Exceeding Threshold Alarm | Support |
| Duress Fingerprint | Support |

General

| | |
|-----------------------|---|
| Power Supply | DC 12V 2A |
| Ingress Protection | IP55 |
| Power Consumption | ≤24W |
| Dimensions | 336.0 mm×185.0 mm×44.0 mm (13.23"×7.28"×1.73") |
| Operating Temperature | -30°C to +60°C (-22°F to 140°F) |
| Operating Humidity | 5%RH–95%RH |
| Operating Altitude | 86kPa–106kPa |
| Gross Weight | 6.1 kg (13.45 lb) |
| Installation | Wall-mounted |
| Certifications | CE: EN FCC: FCC |

Dimensions (mm[inch])



Application

