

DHI-ASI1202M / DHI-ASI1202M-D

Access Control Standalone Terminal



- Material: Zinc alloy plate
- Support card unlock, fingerprint unlock, and card&fingerprint unlock
- Card reading distance is 1cm–3cm
- Support both RS-485 protocol and Wiegand protocol
- IP65, IK10
- Fingerprint Capacity: 3, 000
- Support duress alarm, tamper alarm, intrusion alarm, door contact timeout alarm, and illegal card exceeding time alarm
- Support guest card, patrol card, VIP card, general user card, and card for the disabled



Technical Specification

System

| | |
|------------------|--------------------|
| Main Processor | Embedded processor |
| Network Protocol | IPv4; TCP |
| OSDP Protocol | Yes |
| SDK and API | Yes |

Basic

| | |
|------------|------------|
| Appearance | All-in-one |
| Buzzer | Yes |
| Casing | Zinc alloy |

Function

| | |
|-------------------------|---------------------------------|
| Unlock Mode | Fingerprint/Card unlock |
| Card Reading Type | IC or ID card |
| Period List | 128 |
| Holiday Period | 128 |
| Network Update | Yes |
| First Card Unlock | Yes |
| Remote Verification | Yes |
| Blacklist/Whitelist | Yes |
| Peripheral Card Reader | 1 RS-485, 1 Wiegand |
| Multiple Authentication | Support card/fingerprint unlock |

| | |
|------------------------|-----|
| Real-Time Surveillance | Yes |
| Group Combination | Yes |
| Register | Yes |

Performance

| | |
|------------------------------|---------|
| Card Reading Distance | 1cm–3cm |
| Fingerprint Sensor Type | Optical |
| Fingerprint Verification | 1:N |
| Fingerprint Comparison Time | ≤1.5s |
| Fingerprint Recognition Time | ≤0.5s |

User

| | |
|------------------|--|
| User (Card) Type | General user/VIP/patrol user/guest/blacklist user/special user |
|------------------|--|

Capacity

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|----------------------|---------|
| User Capacity | 30,000 |
| Fingerprint Capacity | 3,000 |
| Card Capacity | 30,000 |
| Record Capacity | 150,000 |

Port

| | |
|---------|---|
| RS-485 | 1 |
| Wiegand | 1 (input and output ports are the same) |
| USB | 1 USB2.0 port |
| Network | 1 RJ-45, 10Mbps/100Mbps self-adaptive |

| | |
|-----------------------|----------------------|
| Alarm Input | 1 (digital quantity) |
| Alarm Output | 1 (relay) |
| Alarm Linkage | Yes |
| Exit Button | 1 |
| Door Status Detection | 1 |
| Lock Control | 1, off by default |
| Bolt Detection | 1, relay |

Alarm

| | |
|----------------------------------|-----|
| Anti-Passback | Yes |
| Tamper Alarm | Yes |
| Duress Alarm | Yes |
| Door Sensor Timeout | Yes |
| Intrusion | Yes |
| Illegal Card Exceeding Threshold | Yes |
| Duress Fingerprint | Yes |

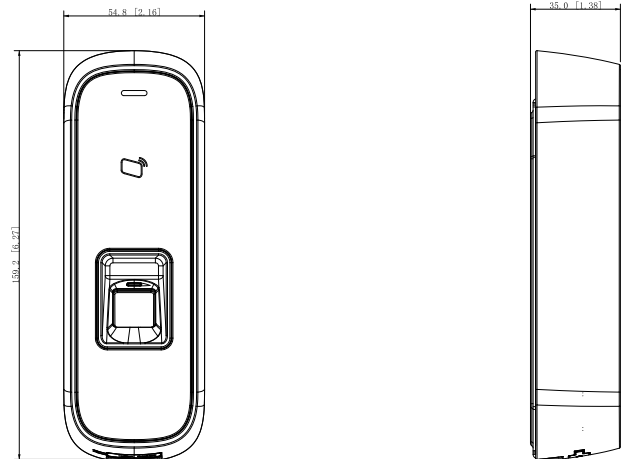
General

| | |
|-----------------------|--|
| Power Adapter | Optional |
| Power Supply | 12V DC 1A |
| Protection Grade | IP65 (Apply silica gel to gaps, for details, see the quick start guide.) IK10 |
| Power Consumption | ≤1.8W (standby), ≤3W (working) |
| Product Dimensions | 54.8mm×159.2mm×35.0mm (2.16"×6.27"×1.38") |
| Box Dimensions | 206mm×106mm×97mm (8.11"×4.17"×3.82") (Product box) 553mm×428mm×220mm (21.77"×16.85"×8.66") (Protective box) |
| Operating Temperature | -30°C to +50°C (-22°F to +122°F) |
| Operating Humidity | 5%RH-95%RH (non-condensing) |
| Operating Altitude | 0m-1300m (0ft-4265.09ft) |
| Operating Environment | Outdoor |
| Net weight | 0.7kg (1.54lb) |
| Gross Weight | 0.79kg (1.74lb) |
| Accessory | Bracket |
| Installation | Surface mount |
| Certifications | CE FCC |

Ordering Information

| Type | Part Number | Description |
|-------------------|----------------|---|
| Access Controller | DHI-ASI1202M | Fingerprint Access Controller (IC card) |
| Access Controller | DHI-ASI1202M-D | Fingerprint Access Controller (ID card) |

Dimensions (mm[inch])



Application

