

# DHI-ASR2100A

## Access Reader



- PC material, acrylic panel and IP66, suitable for indoor and outdoor use
- Support contactless recognition of IC card (Mifare card)
- Support card unlock
- Support RS485 and Wiegand communication
- Support buzzer and indicator prompt
- Support anti-tampering alarm
- The built-in watchdog can detect and control abnormal operation status of the equipment and perform recovery processing to ensure the long-term operation of the equipment
- All connection ports have overcurrent and overvoltage protection

### Series Overview

As a key part of the access control system, the DHI-ASR2100A access control card reader supports card unlock and sends the information to the access controller for verification. With a thin and elegant design, it is applicable to industrial zones, office buildings, schools, factories, stadiums, CBD, residential area, government properties, etc.



### Technical Specification

#### Basic

|              |                  |
|--------------|------------------|
| Product Type | Card reader      |
| Buzzer       | Yes              |
| Casing       | PC/acrylic panel |

#### Function

|             |              |
|-------------|--------------|
| Unlock Mode | Card swiping |
| Card Type   | IC card      |

#### Performance

|                       |                      |
|-----------------------|----------------------|
| Response Time         | 0.1 s                |
| Card Reading Distance | 0 cm–5 cm (0"–1.97") |

#### Port

|         |                  |
|---------|------------------|
| RS-485  | 1 channel        |
| Wiegand | 1 output channel |

#### Alarm

|              |     |
|--------------|-----|
| Tamper Alarm | Yes |
|--------------|-----|

#### General

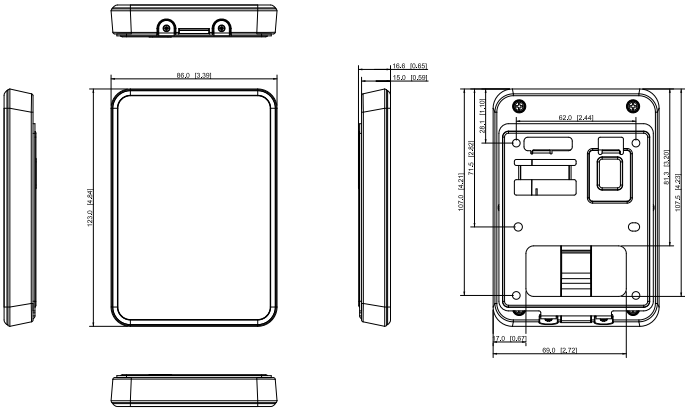
|              |             |
|--------------|-------------|
| Power Supply | 12V 0.5A DC |
|--------------|-------------|

|                       |                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protection            | IP66 (silicon sealant is needed, see the manual)                                                                                                                |
| Power Consumption     | Standby ≤ 0.9W, working ≤ 1.7W                                                                                                                                  |
| Product Dimensions    | 123 mm × 86 mm × 15 mm (4.84" × 3.38" × 0.59")<br>(L × W × H)                                                                                                   |
| Packaging Dimensions  | 185 mm × 163 mm × 71 mm (7.28" × 6.41" × 2.80")<br>(L × W × H, 1 in inner carton)<br>578 mm × 383 mm × 349 mm (22.76" × 15.08" × 13.74")<br>(L × W × H, carton) |
| Operating Temperature | –30°C to +70°C (–22°F to +158°F)                                                                                                                                |
| Operating Humidity    | 5%RH–95% (non-condensing)                                                                                                                                       |
| Operating Environment | Indoor; outdoor                                                                                                                                                 |
| Gross Weight          | 0.35 kg (0.77 lb)                                                                                                                                               |
| Installation          | Surface mount                                                                                                                                                   |
| Certifications        | CE; FCC                                                                                                                                                         |

### Ordering Information

| Type          | Model        | Description                                    |
|---------------|--------------|------------------------------------------------|
| Access Reader | DHI-ASR2100A | DHI-ASR2100A Outdoor Waterproof IC Card Reader |

Dimensions (mm[inch])



Application

