DS-K1102A
Card Reader

- PC+ABS material shell with PMMA panel design and alloy decoration
- Equipped with the 32-bit high-speed processor
- Built-in audible beeper
- Display the reader status with LED indicator
- RS-485 and Wiegand (W26/ W34) protocol
- Tamper-proof alarm
- Online upgrade function (under the 485 communication mode). Card reader can degrade to pre-upgrade status in case of upgrading failed
- Watchdog design for repairing itself in case that exception occurs, to ensure the long service life of the reader
- Dust-proof and water-proof design
- Supports reading EM card (Frequency: 125 KHz) (DS-K1102AE/DS-K1102AEK/DS-1102AEM)
- Meets the standard of ISO 14443-A. Supports reading Mifare card (Frequency: 13.56 MHz). (DS-K1102AM/DS-K1102AMK/DS-K1102AEMK)
## Specification

<table>
<thead>
<tr>
<th>System</th>
<th>Processor</th>
<th>32 bit</th>
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</thead>
<tbody>
<tr>
<td>Audio</td>
<td>Audio alert</td>
<td>Beeper</td>
</tr>
</tbody>
</table>

### Authentication
- Card reading frequency: DS-K1102AE/DS-K1102AEM/DS-K1102AEMK: 125 KHz  
  DS-K1102AM/DS-K1102AMK/DS-K1102AEM/DS-K1102AMK: 13.56 MHz
- Card reading distance: ≤ 50 mm (1.97")
- **Function**
  - ID settings: via DIP switch

### Others
- **Keypad**
  - DS-K1102AE/DS-K1102AM/DS-K1102AEM: No Keypad  
  - DS-K1102AEK/DS-K1102AMK/DS-K1102AEMK: Keypad with 12 keys (0 to 9, *, #)
- **Indicator**
  - Power indicator; Status LED indicator
- **Power supply**
  - 12 VDC, 500 mA, 2 W
- **Working temperature**
  - -20°C to 65°C (-4°F to 149°F)
- **Working humidity**
  - 10% to 90% (Non condensing)
- **Dimensions**
  - 121 mm × 86.5 mm × 14 mm (4.76" × 3.41" × 0.55")
- **Protective level**
  - IP64
- **Weight**
  - ≤ 0.14 kg
- **Installation**
  - Applied for 86 & 120 gang box
- **Approval**
  - FCC, CE

### Available Model
DS-K1102AE, DS-K1102AEK, DS-K1102AEM, DS-K1102AEMK, DS-K1102AM, DS-K1102AMK