

# DS-K1102 Series

## Card Reader



### AVAILABLE MODELS

|           |            |                    |
|-----------|------------|--------------------|
| DS-K1102E | DS-K1102EK | EM Card reader     |
| DS-K1102M | DS-K1102MK | Mifare Card Reader |

### MAIN FEATURES

- 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
- DIP switch
- RS485 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
- Build-in EM card reading module (Frequency:125KHz). Supports reading EM card No. (DS-K1102E/DS-K1102EK)
- Build-in Mifare card reading module (Frequency: 13.56MHz). Meets the standard of ISO 14443-A. Supports reading Mifare card No (DS-K1102M/DS-K1102MK)

## SPECIFICATIONS

| Model               | DS-K1102E                                                                     | DS-K1102EK | DS-K1102M | DS-K1102MK |
|---------------------|-------------------------------------------------------------------------------|------------|-----------|------------|
| Power Supply        | 12V DC                                                                        |            |           |            |
| Working Current     | ≤500mA                                                                        |            |           |            |
| Processor           | 32-bit                                                                        |            |           |            |
| Reading Frequency   | 125KHz                                                                        |            |           |            |
| Reading Range       | ≤50mm (≤1.97")                                                                |            |           |            |
| ID Settings         | via DIP Switch                                                                |            |           |            |
| Audio Alert         | Beeper                                                                        |            |           |            |
| Power Consumption   | ≤2W                                                                           |            |           |            |
| Keypad              | No Keypad (DS-K1102E/M)<br>Keypad with 12 Keys (0 to 9, *, #) (DS-K1102EK/MK) |            |           |            |
| Certifications      | FCC, CE                                                                       |            |           |            |
| LED Indicator       | Power Indicator; Status LED Indicator                                         |            |           |            |
| Working Temperature | -20°C to +65°C (-4°F to +149°F)                                               |            |           |            |
| Working Humidity    | 10% to 90% (Non Condensing)                                                   |            |           |            |
| Protection Level    | IP 64                                                                         |            |           |            |
| Dimensions          | 121mm × 86.5mm × 14mm (4.76" × 3.41" × 0.55")                                 |            |           |            |
| Weight              | ≤0.14Kg                                                                       |            |           |            |
| Installing Method   | Applied for 86 & 120 Gang Box                                                 |            |           |            |