

# DS-K1T105E/M-C

## Standalone Access Control Terminal

DS-K1T105 is a series of standalone access control terminal with picture capturing function. DS-K1T105 is designed with a 2.8-inch LCD display screen, and HD camera (2 MP optional). It supports two network communication methods (TCP/IP, and Wi-Fi), and supports offline operation.



DS-K1T105M/E-C



DS-K1T105M/E

### AVAILABLE MODELS

DS-K1T105M

DS-K1T105M-C (with Camera)

DS-K1T105E

DS-K1T105E-C (with Camera)

### MAIN FEATURES

- Doorbell ringtone settings function.
- Touch mode and blue light display technique for keypad.
- Stand-alone settings for the terminal.
- 2.8-inch LCD display screen.
- Transmission modes of wired network (TCP/IP) and Wi-Fi.
- Face detection and picture capturing function implemented by built-in camera (2 MP optional, only supports DS-K1T105E/M -C)
- Supports multiple door opening modes (card, card + password, exit button, etc.)
- Supports RS485 communication for connecting to external card reader.
- Supports working as a card reader, and supports Wiegand interface and RS485 interface for accessing the controller.
- Max. 100,000 valid card No., and Max. 300,000 access control events records storage.
- Supports EM card reading (DS-K1T105E/E-C)
- Supports Mifare card reading, including card No. reading, & writing function (DS-K1T105M/M-C)

- Tampering detection, unlocking overtime alarm, invalid card swiping over times alarm, and duress card alarm.
- Accurate data and time display provided by built-in electronic clock and watchdog
- program to ensure the basic function of the terminal.
- Data can be permanently saved after power-off.

## SPECIFICATIONS

| Model<br>Parameters        | DS-K1T105E/M/C-C                                                                                                                          |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Processor                  | ≥1GHz, 32 Bit High-performance Processor                                                                                                  |
| Storage                    | 256M Storage,                                                                                                                             |
| Built-in Micro SD Card     | Max.32G                                                                                                                                   |
| Operation System           | Linux                                                                                                                                     |
| Camera                     | 2MP (Optional)                                                                                                                            |
| Valid Card/ Swiping Record | 100/300 thousand                                                                                                                          |
| Card Reading Mode          | Supports EM card reading (DS-K1T105E/E-C)<br>Supports Mifare card reading, including card No. reading & writing function (DS-K1T105M/M-C) |
| Card Reading Frequency     | EM Card (DS-K1T105E/E-C): 125KHz;<br>Mifare Card (DS-K1T105M/M-C): 13.56MHz                                                               |
| External Card Reader       | RS485 IC Reader                                                                                                                           |
| Communication Mode         | TCP/IP, Wi-Fi, RS-485, and Wigan 26/34 (under the card reader mode only)                                                                  |
| Transmission Rate          | TCP/IP, WIFI: 10/100Mbps Self-adaptive,<br>RS-485: 19200 bps-N-8-1                                                                        |
| Input Interface            | Door Switch Key×1, Magnetic Door×1, Alarm×2                                                                                               |
| Output Interface           | Doorbell×1, Relay×1                                                                                                                       |
| LCD Screen                 | 320×240 LCD-TFT Display Screen                                                                                                            |
| Key board                  | 16 Keys (0 to 9, F1, DEL, Switch Key, *, #, Doorbell)                                                                                     |
| LED Indicator              | Power/ Communication                                                                                                                      |
| Audio                      | Loudspeaker                                                                                                                               |
| Power Supply               | 12VDC                                                                                                                                     |
| Working Current            | 500mA ( without Locks)                                                                                                                    |
| Working Temperature        | -20°C to 65°C                                                                                                                             |
| Working Humidity           | 10% to 90% (No Condensing)                                                                                                                |
| Certificate                | CE, FCC                                                                                                                                   |
| Dimension                  | 122×82×23mm (4.8×3.2×0.9")                                                                                                                |
| Weight                     | 280g (9.88lb)                                                                                                                             |