## DS-K1T981M
## Iris Recognition Terminal

The terminal adopts deep learning algorithm, which helps to recognize the face and iris with higher accuracy. It can be applied in multiple scenarios, such as buildings, enterprises, financial industries, and other important areas.

- Max. 50,000 faces capacity, Max. 10,000 irises capacity, Max. 100,000 cards capacity, and Max. 150,000 events capacity

- Iris recognition with 8-inch LCD touch screen; 2 MP wide-angle lens for face recognition and 5 MP single lens for iris recognition; built-in M1 card reading module

- Two-way audio with client software

- Supports TCP/IP, and Wi-Fi

- Configuration via the web client

- Face recognition distance: 0.3 m to 3 m; iris recognition distance: 40 cm to 70 cm

- Face recognition duration < 0.2 s/User and accuracy rate ≥ 99%; iris recognition duration < 1 s

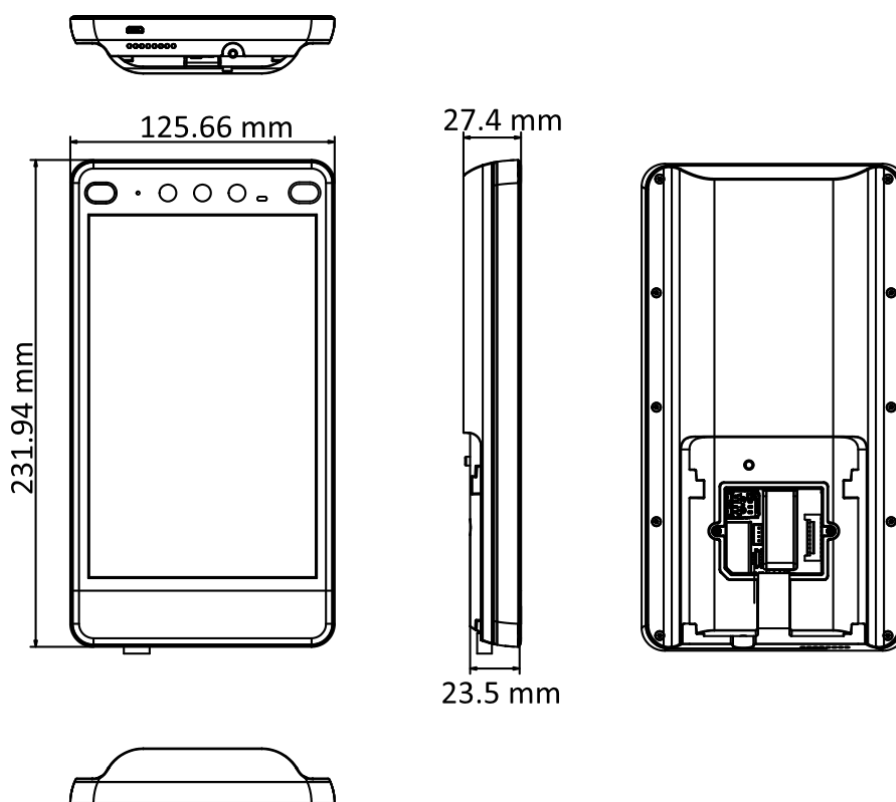- Supports face with mask recognition

## ▪ Specification

| Display | |
|---|---|
| Screen size | 8 inch |
| Operation method | Capacitive touch screen |
| Type | LCD |
| **Video** | |
| Lens | 3 (2 for face recognition, 1 for iris recognition) |
| Resolution | For face recognition: 2 MP<br>For iris recognition: 5 MP |
| FOV | For face recognition: HFOV = 44°; VFOV = 88°; DFOV = 108°<br>For iris recognition: HFOV = 19.9°; VFOV = 14.5°; DFOV = 24.5° |
| **Audio** | |
| Audio quality | Noise suppression and echo cancellation |
| **Network** | |
| Wired network | Support |
| Wi-Fi | Support, 2.4 G, 802.11b/g/n |
| **Interface** | |
| Network interface | 1 RJ-45, 10/100/1000 M self-adaptive |
| Lock control | 1 |
| Exit button | 1 |
| Door contact input | 1 |
| Alarm input | 2 |
| Alarm output | 1 |
| TAMPER | 1 |
| RS-485 | 1 RS-485 (Half duplex, HIKVISION) |
| Wiegand | 1 Wiegand(Hik 26bit,Hik 34bit) |
| USB | 1 |
| **Capacity** | |
| Iris capacity | 10,000 |
| **Authentication** | |
| Iris recognition distance | 40 to 70 cm |
| Iris registration duration | < 5 s |
| Iris recognition duration | < 1 s |
| Card type | M1 card |
| Card reading frequency | 13.56 MHz |
| **General** | |
| Power supply | 12 VDC, 3 A |
| Working temperature | -30 °C to 60 °C (-22 °F to 140 °F) |
| Working humidity | 10 to 90% (no condensing) |
| Dimensions | 126 mm × 232 mm × 27 mm (5.0" × 9.1" × 1.1") |
| Installation | Wall mounting |
| Language | English, Spanish (South America), Thai, Arabic, Russian, Portuguese (Brazil) |
| Platform | Hik-ProConnect and HikCentral Professional |

| Function | |
|---|---|
| Face anti-spoofing | Support |
| Time synchronization | |

## ▪ Available Model

DS-K1T981M

## ▪ Dimension



## ▪ Accessory

## ▪ Optional

| DS-KAB6-W1 Bracket |
|---|
|  |

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