# DS-K1T343MFWX-B
## Value Series Face Access Terminal



Face recognition terminal adopts deep learning algorithm, which helps to recognize the face faster with higher accuracy. It also supports multiple authentication modes: face/card/fingerprint authentication, etc. It can be applied in multiple scenarios, such as buildings, enterprises, financial industries, and other important areas.

- Max.1500 faces capacity, Max.3000 fingerprints capacity, and Max.3000 cards
- Face Recognition Terminal, 4.3-inch LCD touch screen,2 Mega pixel wide-angle lens,Built-in M1 card reading module
- Two-way audio with client software, indoor station, and main station; Supports TCP/IP, Wi-Fi
- Supports ISAPI, ISUP5.0
- Configuration via the web client
- Face recognition. Distance: 0.3 m to 1.5 m
- Duration   <   0.2 s/User
- Accuracy rate ≥ 99%
- Supports power supply by battery in the bracket
- Supports access control local time and attendance function

## ▪ Specification

| System | |
|---|---|
| Operating system | Linux |
| ROM | 4 GB |
| RAM | DDR3:512 M |
| CPU | 800 MHz |
| **Display** | |
| Screen size | 4.3 inch |
| Operation method | Capacitive touch screen |
| Type | LCD |
| Resolution | 480 × 272 |
| **Video** | |
| Lens | 2 |
| Resolution | 2 MP |
| Wide Dynamic Range (WDR) | Support |
| Video standard | PAL (Default) and NTSC |
| Focal length | 4 mm |
| Aperture | F 2.0 |
| HOV | HFOV：75.5°;　　　　　VFOV：41.5°;　　　　　DFOV：87° |
| **Audio** | |
| Audio compression standard | G.711U |
| Audio compression bitrate | 64 Kbps |
| Audio input | Built-in omnidirectional microphone |
| Audio output | Built-in loudspeaker |
| Audio quality | Noise suppression and echo cancellation |
| Volume adjustment | Adjust via device or client |
| Power output | 1 W |
| **Network** | |
| Network protocol | SDK, SIP, RTSP, ISAPI, ISUP5.0 |
| Wired network | Support |
| Wi-Fi | Support, 2.4 G, 802.11b/g/n |
| **Interface** | |
| Network interface | 1 RJ-45, 10/100 M self-adaptive |
| Lock control | 1 |
| Exit button | 1 |
| Door contact input | 1 |
| TAMPER | 1 |
| RS-485 | 1 RS-485 (Half duplex,　HIKVISION) |
| Wiegand | 1 Wiegand (W26, W34) |
| USB | 1 |
| **Capacity** | |
| Face capacity | 1,500 |
| Fingerprint capacity | 3,000 |
| Card capacity | 3,000 |

| Event capacity | 150,000 |
|---|---|
| **Authentication** | |
| Face recognition distance | 0.3 to 1.5 m |
| Face recognition accuracy rate | > 99% |
| Face recognition duration | < 0.2 s |
| Fingerprint recognition duration | < 1 s |
| Card type | M1 card |
| Card reading frequency | 13.56 MHz |
| Card reading distance | 0 to 5 cm (Normal Card); 0 to 3 cm (Card with Different Shapes) |
| Card reading duration | < 1 s |
| **General** | |
| Supplement light | IR light |
| Power supply | 12 VDC, 1 A (power adapter included)<br>Supports power supply by battery in the bracket |
| Working temperature | -10 °C to 40 °C (14 °F to 104 °F) |
| Working humidity | 0 to 90% (No condensing) |
| Dimensions | 118.4 mm × 118.4 mm × 21.8 mm (4.66" × 4.66" × 0.86") |
| Installation | Wall mounting, base mounting |
| Weight | Gross weight: 0.71 kg (1.57 lb)<br>Net weight: 0.23 kg (0.51 lb) |
| Application environment | Indoor |
| Language | English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), Korean; Japanese |
| Platform | Hik-ProConnect and HikCentral Professional |
| **Function** | |
| Live view | Support |
| Two-way audio | Support |
| Multi-factor authentication | Support |
| M1 card encryption | |
| Face anti-spoofing | Support |
| First person in | Support |
| Audio prompt | |
| Time synchronization | |

## ▪ Available Model

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▪ **Dimension**



117.84
[4.64]

39.98
[1.57]

118.35
[4.66]

Unit: mm [inch]

| SCALE | 1:1 |
|---|---|