HIKVISION®

DS-K1T981MF
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. 100,000 faces capacity, Max. 10,000 irises capacity, Max. 100,000 cards capacity, Max. 5000 fingerprint 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
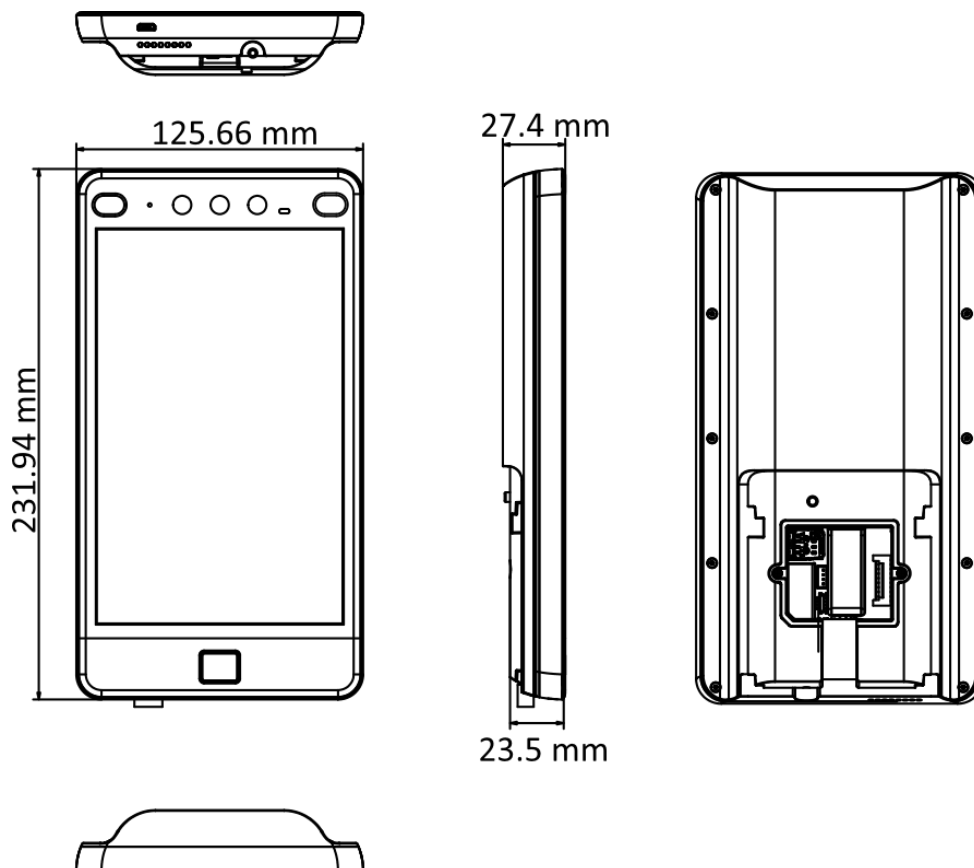- Supports face with mask recognition

▪ Specification

System	
Operation system	Linux
Display	
Dimensions	8-inch
Resolution	800 × 1280
Type	LCD
Operation method	Capacitive touch screen
Video	
Pixel	For face recognition: 2 MP For iris recognition: 5 MP
Lens	× 3 (2 for face recognition, 1for iris recognition)
Video standard	PAL (Default) and NTSC
Network	
Wired network	10 M/100 M/1000 M self-adaptive
Wi-Fi	Support
Interface	
Network interface	1
RS-485	1
Wiegand	1
Lock output	1
Exit button	1
Door contact input	1
IO input	2
IO output	1
TAMPER	1
USB	1
Capacity	
Iris capacity	10,000
Card capacity	100,000
Face capacity	100,000
Fingerprint capacity	5,000
Event capacity	150,000
Authentication	
Iris recognition distance	40 to 70 cm
Iris registration duration	< 5 s
Iris recognition duration	< 1 s
Card type	Mifare 1 card
Card reading frequency	13.56 MHz
Face recognition duration	< 0.2 s
Face recognition accuracy rate	> 99%

Face recognition distance	0.3 to 3 m
Fingerprint recognition duration	< 1 s
Function	
Face anti-spoofing	Support
Time synchronization	Support
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
Protective level	IP65 (It is recommemded using the device indoors for iris recognition)
Language	English

▪ Available Model

DS-K1T981MF

▪ Dimension

125.66 mm

231.94 mm

27.4 mm

23.5 mm

HIKVISION

Distributed by

HIKVISION®

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com