

DS-K1T680DFG Face Recognition Terminal



Face recognition terminal is a kind of access control device for face recognition, which is mainly applied in security access control systems, such as logistic centers, airports, university campuses, alarm centrals, dwellings, etc.

- 8-inch touch screen with bezel-less design
- Presents card on the screen to authenticate
- Face recognition distance: 0.3 m to 3 m, duration < 0.2 s/User, accuracy rate ≥ 99%
- 100,000 face capacity, 100,000 card capacity (Felica, DESfire, M1), 10,000 fingerprint capacity, and 150,000 event capacity
- Supports ISAPI, ISUP 5.0, Wiegand, RS-485, TCP/IP, 3G/4G
- Two-way audio with indoor station and master station
- Configuration via the web client and mobile client
- Customizes attendance status name

*Biometric recognition products are not completely applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.



Specification

Operating system Linux Display Screen size 8-inch Operation method Capacitive touch screen Resolution 1280 × 800 Video Lens × 2 Resolution 2 MP WDR 2 1200B FOV HFOV= 88"; VFOV= 44"; DFOV=108" Video standard PAL (Default) and NTSC Audio Built-in formidifrectional microphone Audio output Built-in loudspeaker Volume adjustment Support Volume adjustment Support Volume adjustment Support Wired network 1 M/100 M/1000 M self-adaptive Wired network 1 OM/100 M/1000 M self-adaptive Wirefi 3 36/4G support Interface 1 Lock control 1 Exit button 1 Door contact input 1 Alarm output 1 Alarm output 1 RS-485 1 Wiegand	System	
Screen size 8-inch Operation method Capacitive touch screen Resolution 1280 × 800 Video Lens × 2 Resolution 2 MP WDR ≥ 1200B FOV HFOV=88*; VFOV=44*; DFOV=108* Video standard PAL (Default) and NTSC Audio Audio input Built-in monidirectional microphone Audio output Built-in loudspeaker Volume adjustment Support Network TCP/IP, SIP, RTSP, ISAPI (Port 80/433), ISAPI (unvarnished transmission), ISUP 5.0 Wired network 10 M/100 M/1000 M self-adaptive Wiref network 10 M/1000	Operating system	Linux
Operation method Capacitive touch screen Resolution 1280 × 800 Video Lens × 2 Resolution 2 MP WDR ≥ 120DB FOV HFOV= 88°; VFOV= 44°; DFOV=108° Video standard PAL (Default) and NTSC Audio Audio oinput Audio joiput Built-in omnidirectional microphone Audio output Support Volume adjustment Support Communication protocol TCP/IP, SIP, RTSP, ISAPI (Port 80/433), ISAPI (unvarnished transmission), ISUP 5.0 Wired network 10 M/100 M/1000 M self-adaptive Wi-Fi 36/4G Sipport Support Network interface 1 Lock control 1 Exit button 1 Lock control 1 Exit button 1 Lock control 1 Rairm input 2 Alarm input 2 Alarm output 1 TAMPER 1 SiM card 1 <td>Display</td> <td></td>	Display	
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Lens × 2 Resolution 2 MP WDR ≥ 120DB FOV HFOV=88°; VFOV=44°; DFOV=108° Video standard PAL (Default) and NTSC Audio Audio input Built-in omnidirectional microphone Audio output Built-in loudspeaker Volume adjustment Support Network Communication protocol TCP/IP, SIP, RTSP, ISAPI (Port 80/433), ISAPI (unvarnished transmission), ISUP 5.0 Wired network 10 M/100 M/1000 M self-adaptive Wi-Fi 3G/4G 3G/4G Support Interface Network interface Network interface 1 Lock control 1 Exit button 1 Door contact input 1 Alarm input 2 Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 SIM card 1 Capacity 100000	Resolution	1280 × 800
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Audio inputBuilt-in omnidirectional microphoneAudio outputBuilt-in loudspeakerVolume adjustmentSupportNetworkCommunication protocolTCP/IP, SIP, RTSP, ISAPI (Port 80/433), ISAPI (unvarnished transmission), ISUP 5.0Wired network10 M/100 M/1000 M self-adaptiveWi-FiSupportInterfaceNetwork interface1Lock control1Exit button1Door contact input1Alarm input2Alarm output1TAMPER1RS-4851Wiegand1USB1SIM card1Capacity100000	Video standard	PAL (Default) and NTSC
Audio outputBuilt-in loudspeakerVolume adjustmentSupportNetworkTCP/IP, SIP, RTSP, ISAPI (Port 80/433), ISAPI (unvarnished transmission), ISUP 5.0Wired network10 M/100 M/1000 M self-adaptiveWi-FiSupportInterfaceSupportNetwork interface1Lock control1Exit button1Door contact input1Alarm input2Alarm output1TAMPER1RS-4851Wiegand1USB1SIM card1Capacity100000	Audio	
Volume adjustmentSupportNetworkTCCP/IP, SIP, RTSP, ISAPI (Port 80/433), ISAPI (unvarnished transmission), ISUP 5.0Wired network10 M/100 M/1000 M self-adaptiveWi-Fi3G/4GSupportInterfaceNetwork interface1Lock control1Exit button1Door contact input1Alarm input2Alarm output1TAMPER1RS-4851Wiegand1USB1SIM card1Capacity100000	Audio input	Built-in omnidirectional microphone
NetworkCommunication protocolTCP/IP, SIP, RTSP, ISAPI (Port 80/433), ISAPI (unvarnished transmission), ISUP 5.0Wired network10 M/1000 M/1000 M self-adaptiveWi-Fi3G/4G3G/4GSupportInterfaceNetwork interface1Lock control1Exit button1Door contact input1Alarm input2Alarm output1TAMPER1RS-4851Wiegand1USB1SIM cardCapacity100000	Audio output	Built-in loudspeaker
Communication protocolTCP/IP, SIP, RTSP, ISAPI (Port 80/433), ISAPI (unvarnished transmission), ISUP 5.0Wired network10 M/100 M/1000 M self-adaptiveWi-Fi3G/4G3G/4GSupportInterfaceNetwork interface1Lock control1Exit button1Door contact input1Alarm input2Alarm output1TAMPER1RS-4851Wiegand1USB1SIM cardCapacity100000	Volume adjustment	Support
Wired network 10 M/100 M/1000 M self-adaptive Wi-Fi 3G/4G Support Interface Network interface 1 Lock control 1 Exit button 1 Door contact input 1 Alarm input 2 Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card 1 Capacity 100000	Network	
Wi-Fi Support Interface 1 Lock control 1 Exit button 1 Door contact input 1 Alarm input 2 Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card Capacity Face capacity 100000	Communication protocol	TCP/IP, SIP, RTSP, ISAPI (Port 80/433), ISAPI (unvarnished transmission), ISUP 5.0
Support Interface Network interface 1 Lock control 1 Exit button 1 Door contact input 1 Alarm input 2 Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card Capacity Face capacity 100000	Wired network	10 M/100 M/1000 M self-adaptive
InterfaceNetwork interface1Lock control1Exit button1Door contact input1Alarm input2Alarm output1TAMPER1RS-4851Wiegand1USB1SIM cardCapacityFace capacity100000	Wi-Fi	
Network interface 1 Lock control 1 Exit button 1 Door contact input 1 Alarm input 2 Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card Capacity Face capacity 100000	3G/4G	Support
Lock control 1 Exit button 1 Door contact input 1 Alarm input 2 Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card Capacity Face capacity 100000	Interface	
Exit button 1 Door contact input 1 Alarm input 2 Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card Capacity Face capacity 100000	Network interface	1
Door contact input 1 Alarm input 2 Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card Capacity Face capacity 100000	Lock control	1
Alarm input 2 Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card Capacity Face capacity 100000	Exit button	1
Alarm output 1 TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card Capacity Face capacity 100000	Door contact input	1
TAMPER 1 RS-485 1 Wiegand 1 USB 1 SIM card Capacity Face capacity 100000	Alarm input	2
RS-485 1 Wiegand 1 USB 1 SIM card	Alarm output	1
Wiegand 1 USB 1 SIM card	TAMPER	1
USB 1 SIM card Capacity Face capacity 100000	RS-485	1
SIM card Capacity Face capacity 100000	Wiegand	1
Capacity Face capacity 100000	USB	1
Face capacity 100000	SIM card	
	Capacity	
Fingerprint capacity 10000	Face capacity	100000
	Fingerprint capacity	10000
Card capacity 100000	Card capacity	100000
Event capacity 150000	Event capacity	150000
Authentication	Authentication	
Face recognition distance 0.3 to 3 m	Face recognition distance	0.3 to 3 m
Face recognition accuracy rate ≥99%	Face recognition accuracy rate	≥99%
Face recognition duration < 0.2 s	Face recognition duration	< 0.2 s



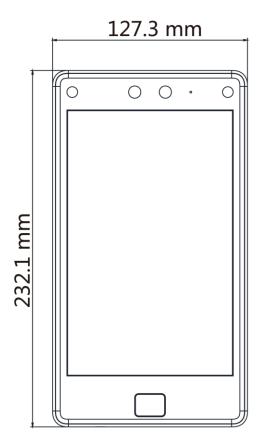
Fingerprint recognition duration	< 1s
Card type	DESfire card,Felica card,
Card reading distance	0 to 5 cm
Card reading duration	< 1s
Function	
Live view	
Two-way audio	Two-way audio with indoor station and master station
Language	English, Thai, Brazilian Portuguese, Russian, Spanish, Arabic, Japanese, Ukrainian, and Indonesian
Multi-factor authentication	
QR code recognition	Support. The dimension of the recognized QR code picture should be larger than 6 cm × 6 cm.
M1 card encryption	
Face anti-spoofing	Support
Anti-passback	null
First person in	
Hik-Connect	Support
Time synchronization	
General	
Power supply	12-24 VDC, 3 A
Working temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working humidity	0 to 90% (No condensing)
Protective level	IP65
Dimensions	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")
Application environment	
Power supply method	12 VDC/24 VDC Power Adapter

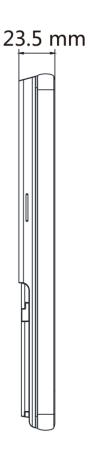
Available Model

DS-K1T680DFG,DS-K1T680DFG1

Dimension







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

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