

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





Specification

Operation systemLinuxDisplyDimensions8-inchResolution1280 × 800Operation methodCapacitive touch screenVideo2Paxel2 MPLensx 2Network10 M/1000 M/self-adaptiveSidedSupportNetwork10 M/1000 M/self-adaptiveSidedSupportNetwork10 M/100 M/self-adaptiveSidedSupportNetwork Interface1Rescass1Network Interface1Sided1Sided1Vigen network1Sided1 <th colspan="2">System</th>	System			
Dimensions8-inchResolution1280 × 800Operation method2apacitive touch screenVideoPixel2 MPLens> 2Network10 M/100 M/1000 M self-adaptiveSi/Ad6SupportNot supportInterface1Network1 AddSi/Ad61Si/Ad61Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad71Si/Ad72Si/Ad71Si/Ad7<	Operation system	Linux		
Resolution1280 × 800Operation methodCapacitive touch screenVideVisel2 MPLens× 2NetworkSupportWird networkSupport3G/4GSupportNetwork1Net supportInterface1Scade1Scade1Lock output1Lock output1Door contact input1Io output2Io output1Power interface2-pinTAMPER10,000Face capacity10,000Face capacity10,000Face capacity10,000Face capacity10,000Card reading distance010 soutCard reading distance0.5 cmCard reading distance0.1 SFace recognition duration< 1.5	Display	Display		
Operation methodCapacitive touch screenVideoPixel2 MPLens> 2Network10 M/100 M /1000 M self-adaptive3G/4GSupportWir-FiNot supportInterface1Network interface1Network interface1SASS1Lock output1Lock output1Door contact input1I Onput2I Output1Power interface2-pinTAMPER1Output1Power interface2-pinTAMPER10,000Face capacity100,000Face capacity100,000Face capacity100,000Card capacity100,000Face recognition duration< 1 S	Dimensions	8-inch		
VideoPixel2 NPLens× 2Network10 M/100 M self-adaptive3G/4GSupport3G/4GSupportWir-FiNot supportNetwork interface1R5-4851Vigen and and and and and and and and and an	Resolution	1280 × 800		
Pixel 2 APP Lens > 2 Network Vired network Wired network Support Wiref network Support Wiref network 100 M/100 M self-adaptive Sd/4G Support Wiref network 1 Retwork interface 1 Retwork interface 1 Solution 1 Dock output 1 Lock output 1 Door contact input 1 Door contact input 1 Door contact input 1 TAMPER 1 TAMPER 1 Output 1 Power interface 2 Card capacity 10000 Face capacity 100,000 Card topa Mifare 1 card,Mifare card content,DESfire card,Felica card Card reading distance 0 to 5 cm	Operation method	Capacitive touch screen		
Lens× 2NetworkWired network10 M/1000 M self-adaptive3G/4GSupportSupportNot supportInterface1Network interface1R5-4851Uirigand1Lock output1Dor contact input1Io input2Or contact input1Power interface2-pinTAMPER1USB2-pinCard capacity100,000Face capacity100,000Face capacity100,000Fingerprint capacity100,000Fingerprint capacity100,000Fingerprint capacity100,000Fingerprint capacity100,000Fingerprint capacity100,000Fingerprint capacity100,000Fingerprint capacity000,000Fingerprint capacity100,000Fingerprint capacity100,000Fingerp	Video			
NetworkUnifold M/100 M/100 M self-adaptive3G/4GSupport3G/4GSupportWi-FiNot supportInterface1Rs-4851Qiegand1Lock output1Lock output1Door contact input1Io output2Io output1Qiegand1Qiegand1Qiegand1Door contact input1Io output1Io output1Io output1Qiegand1Qiegand1Qiegand1Qiegand1Io output1Io output1Power interface2-pinZaf capacity100,000Face capacity100,000Face capacity100,000Face capacity100,000Face recognition duration< 1 s	Pixel	2 MP		
Wired network10 M/100 M/1000 M self-adaptive3G/4GSupportWi-FiNot supportInterfaceINetwork interface1R5-4851Qi gand1Lock output1Exit button1Door contact input1IO output2IO output1Power interface2-pinTAMPER1US81Card capacity100,000Face capacity100,000Face capacity100,000Face recognition duration4Card reading duration5Gard reading duration4Gard reading duration4Card reading duration4Gard reading duration4Face recognition duration4Face recognition duration5Face recognition duration3Face recognition duration5Face recognition duration5 <t< td=""><td>Lens</td><td>× 2</td></t<>	Lens	× 2		
3G/4GSupportWi-FiNot supportInterface1Network interface1RS-4851Wiegand1Lock output1Exit button1Door contact input1IO input2O output1Power interface2-pinTAMPER1USB1Card capacity100,000Face capacity100,000Face capacity100,000Face capacity100,000Event capacity100,000Event capacity100,000Face capacity100,000Event capacity100,000Event capacity100,000Event capacity100,000Event capacity000,000Event capacity100,000Face capacity100,000Event capacity100,000Event capacity000,000Event capacity100,000Event c	Network			
Wi-FiNot supportInterfaceNetwork interface1Rs-4851Wiegand1Lock output1Exit button1Door contact input1IO input2IO output1Power interface2-pinTAMPER1US82Card capacity100,000Face capacity100,000Finegrprint capacity100,000Finegrprint capacity100,000Event capacity100,000Event capacity100,000Finegrprint capacity100,000Event capacity100,000Event capacity100,000Event capacity000,000Enereconjtion duration< 1 s	Wired network	10 M/100 M/1000 M self-adaptive		
InterfaceNetwork interface1Network interface1RS-4851Wiegand1Lock output1Lock output1Door contact input1IO input2IO output1Power interface2-pinTAMPER1US81Capacity10,000Face capacity100,000Face capacity100,000Fingerprint capacity100,000Fourt capacity100,000Card typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard type0 to 5 cmCard reading distance0 to 5 cmCard reading distance0 to 5 cmFace recognition duration< 1 s	3G/4G	Support		
Network interface1RS-4851Wiegand1Lock output1Exit button1Door contact input1O oroput2IO output1Power interface2-pinTAMPER1US81Card capacityFace capacity10000Face capacity10000Fuer capacity10000Fuer capacity10000Card typeCard typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard reading distance0 to 5 cmCard reading distance0.2 sFace recognition duration< 1 s	Wi-Fi	Not support		
RS-4851Wiegand1Lock output1Exit button1Door contact input1IO input2IO output1Power interface2-pinTAMPER1USB1Card capacity100,000Face capacity100,000Fingerprint capacity100,000Ford spacity100,000Ford capacity100,000Ford capacity100,000Face recognition duration< 1 s	Interface			
Wiegand1Lock output1Exit button1Door contact input1IO input2IO output1Power interface2-pinTAMPER1Output1Capacity1Card capacity100,000Face capacity100,000Fingerprint capacity100,000Ford capacity100,000Face capacity100,000Face capacity100,000Face capacity100,000Face capacity100,000Face capacity100,000Face capacity100,000Face capacity100,000Card reading distance00,000Card reading distance010,000Card reading distance010 5 cmFace recognition duration< 1 s	Network interface	1		
Lock output1Exit button1Door contact input1Do or contact input2IO input2IO output1Power interface2-pinTAMPER1USB1Capacity1Card capacity100,000Face capacity1000,000Fingerprint capacity1000,000Functional100,000Event capacity100,000Ford capacity100,000 <td>RS-485</td> <td>1</td>	RS-485	1		
Exit button1Door contact input1Io input2Io output1Power interface2-pinTAMPER1USB1Capacity100,000Face capacity100,000Fingerprint capacity100,000Functional100,000Card tapacity100,000Functional100,000Functional100,000Face capacity100,000For capacity100,000For capacity100,000Functional100,000Card tapacity100,000Functional100,000Face recognition duration0 to 5 cmCard reading distance0 to 5 cmFace recognition duration< 1 s	Wiegand	1		
Door contact input1IO onput2IO output1Power interface2-pinTAMPER1USB1Capacity10,000Face capacity100,000Fingerprint capacity100,000Funct capacity100,000Funct capacity100,000For capacity100,000Card reading distance0 to 5 cmCard reading distance0 to 5 cmCard reading duration< 1 s	Lock output	1		
IO input2IO output1Power interface2-pinTAMPER1USB1Capacity10Card capacity100,000Face capacity100,000Fingerprint capacity100,000Event capacity100,000Event capacity100,000Card capacity100,000Event capacity100,000Event capacity100,000Event capacity100,000Event capacity000Event capacity000Event capacity150,000Authentication<1 s	Exit button	1		
IO output1Power interface2-pinTAMPER1USB1Capacity10,000Face capacity100,000Face capacity100,000Fingerprint capacity100,000Event capacity150,000Authentication150,000Card reading distance0 to 5 cmCard reading duration< 1 s	Door contact input	1		
Power interface2-pinTAMPER1USB1USB10Capacity100,000Face capacity100,000Event capacity100,000Event capacity150,000Authentication150,000Card reading distance0 to 5 cmCard reading duration< 1 s	IO input	2		
TAMPER1USB1Capacity100,000Face capacity100,000Fingerprint capacity100,000Event capacity100,000Event capacity150,000AuthenticationCard reading distance0 to 5 cmCard reading duration< 1 s	IO output	1		
USB1Capacity100,000Face capacity100,000Face capacity100,000Fingerprint capacity10000Event capacity150,000Authentication10000Card typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard reading distance0 to 5 cmCard reading duration< 1 sFace recognition duration< 0.2 sFace recognition distance0.3 to 3 mFace recognition distance< 1 sFace recognition duration< 1 sFace recognition distanceInglish, Thai, Brazilian Portuguese, Russian, Spanish, Arabic, Japanese, Ukrainian, and Indonesian	Power interface	2-pin		
CapacityCard capacity100,000Face capacity100,000Fingerprint capacity10000Event capacity150,000Authentication150,000Card typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard reading distance0 to 5 cmCard reading duration< 1 s	TAMPER	1		
Card capacity100,000Face capacity100,000Fingerprint capacity10000Event capacity150,000100,000Mifare 1 card,Mifare card content,DESfire card,Felica cardCard typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard reading distance0 to 5 cmCard reading duration< 1 s	USB	1		
Face capacity100,000Fingerprint capacity10000Event capacity150,000AuthenticationCard typeCard typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard reading distance0 to 5 cmCard reading duration< 1 s	Capacity			
Fingerprint capacity10000Event capacity150,000AuthenticationCard typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard reading distance0 to 5 cmCard reading duration< 1 s	Card capacity	100,000		
Event capacity150,000AuthenticationCard typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard reading distance0 to 5 cmCard reading duration< 1 s	Face capacity	100,000		
AuthenticationCard typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard reading distance0 to 5 cmCard reading duration< 1 s	Fingerprint capacity	10000		
Card typeMifare 1 card,Mifare card content,DESfire card,Felica cardCard reading distance0 to 5 cmCard reading duration< 1 s	Event capacity	150,000		
Card reading distance0 to 5 cmCard reading duration< 1 s	Authentication			
Card reading duration< 1 sFace recognition duration< 0.2 s	Card type	Mifare 1 card, Mifare card content, DESfire card, Felica card		
Face recognition duration< 0.2 sFace recognition accuracy rate>99%Face recognition distance0.3 to 3 mFingerprint recognition duration< 1 s	Card reading distance	0 to 5 cm		
Face recognition accuracy rate ≥99% Face recognition distance 0.3 to 3 m Fingerprint recognition duration < 1 s	Card reading duration	< 1s		
Face recognition distance0.3 to 3 mFingerprint recognition duration< 1 sFunctionEnglish, Thai, Brazilian Portuguese, Russian, Spanish, Arabic, Japanese, Ukrainian, and Indonesian				
Fingerprint recognition duration < 1 s				
Function English, Thai, Brazilian Portuguese, Russian, Spanish, Arabic, Japanese, Ukrainian, and Indonesian	Face recognition distance	0.3 to 3 m		
Language English, Thai, Brazilian Portuguese, Russian, Spanish, Arabic, Japanese, Ukrainian, and Indonesian		< 1s		
Language Indonesian				
Hik-Connect Support	Language			
	Hik-Connect	Support		



QR code recognition	Support
Face anti-spoofing	Support
Time synchronization	Support
General	
Power supply method	12 VDC/24 VDC Power Adapter
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)
Dimensions	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")
Application environment	Indoor and outdoor
Protective level	IP65

Available Model

DS-K1T680DFG:

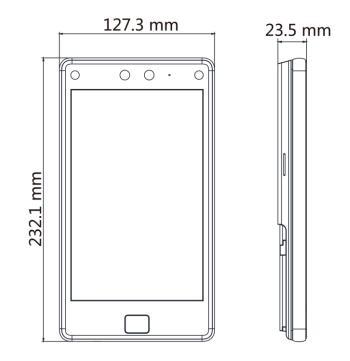
Supported in Europe, the Middle East, Africa, India, and Most Areas of Asia-Pacific (excluding Japan and Taiwan (China)) LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8

GSM: B3/B8

DS-K1T680DFG1:

Supported in Australia, Taiwan (China), and Latin America LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28 LTE TDD: B40 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8

Dimension





Distributed by

Γ

L



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

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

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

Hikvision Thailand T +662-275-9949 sales.thailand@hikvision.com Hikvision Europe T +31-23-5542770 sales.eu@hikvision.com

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

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

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

Hikvision Malaysia T +601-7652-2413 sales.my@hikvision.com Hikvision UK & Ireland T +01628-902140 sales.uk@hikvision.com

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

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

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

Hikvision Vietnam T +84-974270888 sales.vt@hikvision.com Hikvision UAE T +971-4-4432090 salesme@hikvision.com

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

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

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

Hikvision Hong Kong T +852-2151-1761 info.hk@hikvision.com Hikvision Russia T +7-495-669-67-99 saleru@hikvision.com

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

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

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

Hikvision Colombia sales.colombia@hikvision.com

© Hikvision Digital Technology Co., Ltd. 2020 | Data subject to change without notice |