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DS-K1T642 Series
Face Recognition Terminal

DS-K1T642 series 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.

Available Model

- DS-K1T642M
- DS-K1T642MF
- DS-K1T642E
- DS-K1T642EF
- DS-K1T642MW
- DS-K1T642MFW
- DS-K1T642EW
- DS-K1T642EFW

Features

- 4.3-inch touch screen
- 2 MP wide-angle dual-lens
- Face anti-spoofing
- Face recognition distance: 0.3 m to 3 m
- Deep learning algorithm
- 6,000 face capacity, 10,000 card capacity, 5,000 fingerprint capacity for device support fingerprint related functions, and 150,000 event capacity
- Face recognition duration $<$ 0.2 s/User; face recognition accuracy rate ≥ 99%
- Capture linkage and captured pictures storage
- Transmits card and user data from or to the client software via TCP/IP protocol and saves the data on the client software
- Imports pictures from the USB flash drive to the device or export pictures, events, from the device to the USB flash drive
- Stand-alone operation
- Manage, search and set device data after logging in the device locally

- Connects to one external card reader via RS-485 protocol

- Connects to secure door control unit via RS-485 protocol to avoid the door opening when the terminal is destroyed

- Connects to external access controller or Wiegand card reader via Wiegand protocol

- Two-way audio with indoor station and master station

- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out

- Configuration via the web client

- Remotely opens door and starts live view via Hik-Connect

- Supports ISAPI and EHome 5.0 protocol

* *Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.*

Specifications

Model		DS-K1T642M DS-K1T642E	DS-K1T642MF DS-K1T642EF	DS-K1T642MW DS-K1T642EW	DS-K1T642MFW DS-K1T642EFW
System	Operation system	Linux			
Screen	Size	4.3-inch			
	Resolution	800 × 480			
	Operation method	Capacitive touch screen			
Camera	Pixel	2 MP			
	WDR	Support			
	Lens	× 2			
	Video standard	PAL (Default) and NTSC			
Audio	Audio input	Built-in omnidirectional microphone			
	Audio output	Built-in loudspeaker			
Network	Wired network	10 M/100 M/1000 M self-adaptive			
	Wi-Fi	Not support		Support	
Interface	Network interface	× 1, RJ45			
	RS-485	× 1			
	Wiegand	Wiegand 26 and Wiegand 34			
	Lock output	× 1			
	Exit button	× 1			
	Door contact input	× 1			
	Power interface	× 1			
	TAMPER	× 1			
	USB	× 1, USB2.0			
Capacity	Card capacity	10,000			
	Face capacity	6,000			
	Fingerprint capacity	/	5,000	/	5,000

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Authentication	Event capacity	150,000			
	Card type	DS-K1T642M: Mifare DS-K1T642E: 125 KHz EM card	DS-K1T642MF: Mifare DS-K1T642EF: 125 KHz EM card	DS-K1T642MW: Mifare DS-K1T642EW: 125 KHz EM card	DS-K1T642MFW: Mifare DS-K1T642EFW: 125 KHz EM card
	Card reading distance	0 to 3 cm			
	Card reading duration	$<$ 1 s			
	Face recognition duration	$<$ 0.2 s			
	Face recognition distance	0.3 to 3 m			
	Fingerprint Recognition duration	/	$<$ 1 s	/	$<$ 1 s
Function	QR code recognition	Support			
	Face anti-spoofing	Support			
	Live view	Supports live view on the platform, H.264			
	Face recognition	Supports face recognition in low illumination			
	Access control management	Supports multiple authentication methods			
Others	power supply	12 VDC, 2 A			
	Working temperature	-10 °C to 50 °C (-58 °F to 122 °F)			
	Working humidity	0 to 90% (No condensing)			

* *Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).*

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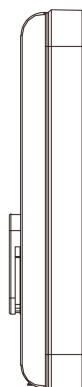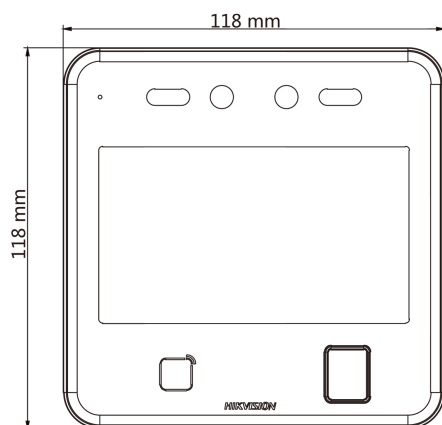
Dimensions

Dimension with Fingerprint Module
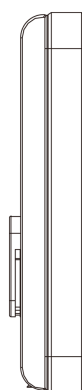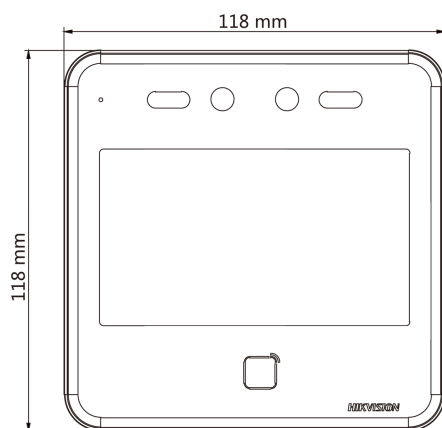
Dimension without Fingerprint Module

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