

DS-K1T643MWX-T Face Recognition Terminal



DS-K1T643MWX-T face recognition terminal is a kind of access control device integrated with temperature screening function. It can fast taking skin-surface temperature and upload abnormal temperature event to the center, which can be widely applied in multiple scenarios, such as enterprises, stations, dwellings, factories, schools, campus and so on.

- Temperature measuring range: 30 °C to 45 °C (86 °F to 113 °F), accuracy: 0.1 ° C, deviation: ± 0.5 °C
- Recognition distance: 0.3 to 2 m
- Face mask detection
- Displays temperature measurement results on the authentication page
- 4.3-inch LCD touch screen, 2 Mega pixel wide-angle lens
- Built-in Mifare card reading module
- Face recognition duration < 0.2 s/User
- face recognition accuracy rate ≥ 99%
- 6,000 face capacity, 10,000 card capacity, and 150,000 event capacity

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▪ Specification

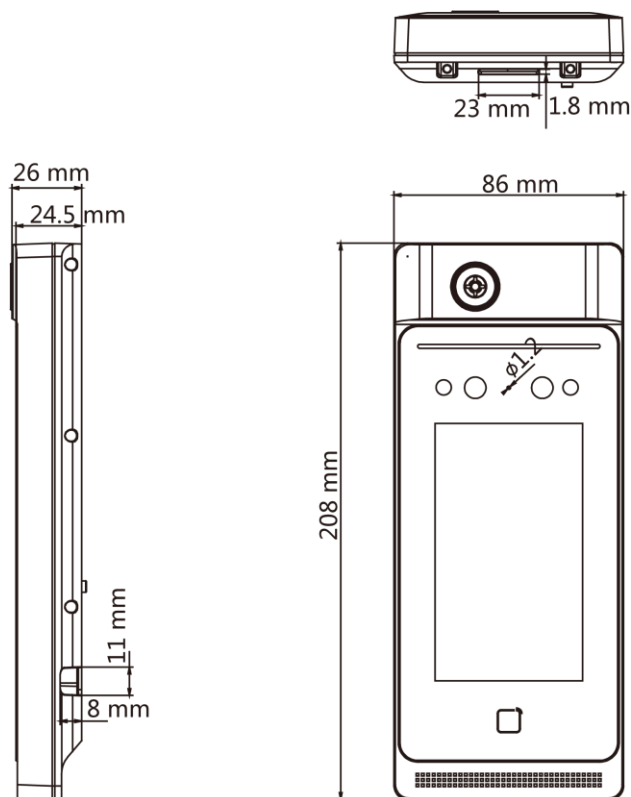
System	
Operation system	Linux
Temperature measurement	
Temperature range	30 °C to 45 °C (86 °F to 113 °F)
Sensor	Vanadium Oxide uncooled sensor
Resolution	90 × 120
Frame rate	25 fps
Measurement accuracy	0.1 °C
Measurement deviation	± 0.5 °C
Measuring distance	0.3 to 2 m
Display	
Size	4.3-inch
Resolution	272 × 480
Type	Touch screen
Video	
Pixel	2 MP
Lens	Dual-lens
Video standard	PAL (Default)/NTSC
Audio	
Tone quality	Built-in omnidirectional microphone
Network	
Wireless Network	Support
Wired network	Support, 10/100 Mbps self-adaptive
Wi-Fi	Support
Interface	
Network interface	1
RS-485	1
Wiegand	1
Lock output	1
Exit button	1
Door contact input	1
TAMPER	1
Capacity	
Card capacity	10000
Face capacity	6000
Event capacity	150,000
Authentication	
Face recognition accuracy rate	≥ 99%
Card type	Mifare 1 card
Card reading distance	0 to 5 cm
Card reading duration	< 1 s
Face recognition duration	< 0.2 s per person

Face recognition distance	0.3 to 2 m
Function	
Time synchronization	Support
Face anti-spoofing	Support
Live view	Support
Audio prompt	Support
General	
Power supply	12 VDC/2 A
Working temperature	-10 °C to 50 °C (14 to 122 °F) For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)
Working humidity	0 to 90% (no condensing)
Application environment	Indoor and windless environment use only
Dimensions	86 mm × 208 mm × 26 mm (3.4" × 8.2" × 1.0")
Language	English

▪ **Available Model**

DS-K1T643MWX-T

▪ **Dimension**



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