DS-K5604A-3XF/V
Face Recognition Terminal

DS-K5604A-3XF/V face recognition terminal is a kind of access control device integrated with temperature screening function, which supports plug & play (rapid deployment, free of wiring, installation, or configuration). It can fast take skin-surface temperature, which can be widely applied in multiple scenarios, such as enterprises, stations, dwellings, factories, schools, campus and so on.
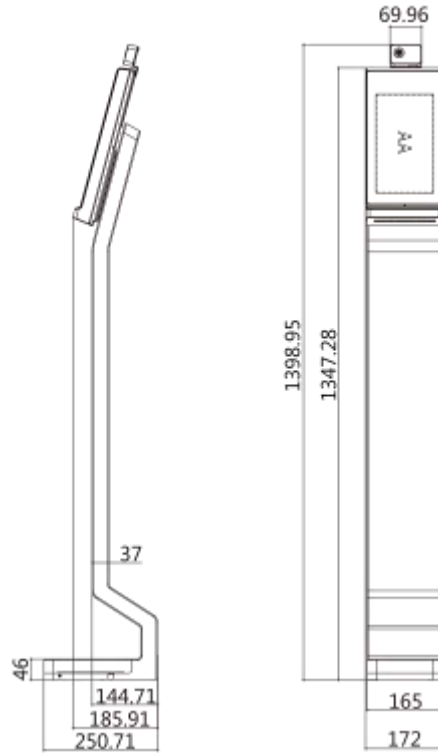
- Plug & play: Supports rapid deployment. Free of wiring, installation, or configuration
- Supports Vanadium Oxide uncooled sensor to measure target's temperature
- Temperature measuring range: 30 ℃ to 45 ℃ (86 ℉ to 113 ℉), accuracy: 0.1 °C, deviation: ± 0.5 ℃ (without black body calibration)
- Recognition distance: 0.3 to 2 m
- Fast temperature measurement mode: Detects face and takes temperature without identity authentication
- Multiple authentication modes are available: card and temperature, face and temperature, card and face and temperature, etc
- Face mask wearing alert: If the recognizing face does not wear a mask, the device will prompt a voice reminder. At the same time, the authentication or attendance is valid.
- Displays temperature measurement results on the authentication page
- Forced mask wearing alert: If the recognizing face does not wear a mask, the device will prompt a voice reminder. At the same time, the authentication or attendance will be failed
- Triggers voice prompt when detecting abnormal temperature
- Configurable door status (open/close) when detecting abnormal temperature
- Transmits online and offline temperature information to the client software via TCP/IP communication and saves the data on the client software
- Integrated design with stand bracket
- Communicates with the third-party turnstile via IO output or Wiegand
- Adjustable supplement light brightness
- High performance processor with deep learning algorithm
- 50,000 face capacity and 100,000 event capacity
- Face recognition duration ＜ 0.2 s/User; face recognition accuracy rate ≥ 99%
- Transmits and saves the comparison results and the captured pictures to the client software or others
- NTP, manually time synchronization, and auto synchronization

- Watchdog design for protecting the device and ensuring device running properly
- Audio prompt for authentication result
- * In order to get an accurate temperature, after the device is powered on, you should wait for 90 min to warm the device up.
- * Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.

▪ Specification

Temperature measurement	
Temperature range	30 ℃ to 45 ℃ (86 ℉ to 113 ℉)
Sensor	Vanadium Oxide uncooled sensor
Resolution	120 × 160
Frame rate	25 fps
Measurement accuracy	0.1 ℃
Measurement deviation	± 0.5 ℃, without black body calibration
Measuring distance	0.3 to 2 m
Screen	
Size	10.1-inch
Type	Touch screen
Camera	
Pixel	2 MP
Lens	Dual-lens
Network	
Wired network	Support, 10/100/1000 Mbps self-adaptive
Interface	
Network interface	1
RS-485	1
Wiegand	1
Lock output	1
Exit button	1
Door contact input	1
TAMPER	1
Capacity	
Face capacity	50,000
Event capacity	100,000
Authentication	
Face recognition duration	< 0.2 s per person
Face recognition distance	0.3 to 2 m
Function	
Face anti-spoofing	Support
Audio prompt	Support
Others	
Power supply	12 VDC/2 A
Working temperature	0 ℃ to 50 ℃ (32 ℉ to 122 ℉) For temperature measurement: 10 ℃ to 35 ℃ (50 ℉ to 95 ℉)
Working humidity	10 to 90% (No condensing)
Application environment	Indoor and windless environment use only

▪ Dimension

▪ Available Model

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