

## DS-K1T642E Face Recognition Terminal



- 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
- 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
- Face recognition distance: 0.3 m to 3 m
- Max. 6000 faces capacity, Max.10,000 cards, and Max. 150,000 event capacity
- Face recognition duration < 0.2 s/User; face recognition accuracy rate ≥ 99%</p>
- Two-way audio with indoor station and main station
- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out
- Remotely opens door and starts live view via Hik-Connect
- Supports ISAPI and ISUP5.0 protocol
- Configuration via the web client





## Specification

| Dimensions4.3-inchTypeIPS Full ScreenOperation methodCapacitive touch screenVideoPixel2 MPLens× 2AudioTone qualityNoise suppression and echo cancellationNetworkCommunication protocolISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPIWirted network10 M/100 M/1000 M self-adaptiveInterfaceNetwork interface1Lock output1Power interface2.pinCapacity6000Card capacity10,000Event capacity10,000AuthencetionFace recognition distance0.3 to 3 mFace recognition duration< 0.2 sCard typeEM cardCard typeEM cardCard typeEM cardCard typeEM cardCard typeSupportFace recognition duration< 0.2 sCard typeEM cardCard typeSupportFace recognitionSupportAudio promptSupportFace anti-spoofingSupportAudio promptSupportPower supply method12/24 (power adapter not included)Working temperature-10° C to 50° C (14° F to 122° F)Working temperature-10° C to 50° C (14° F to 122° F)   | Display                        |   |  |
|--|--------------------------------|---|--|
| Operation methodCapacitive touch screenVideoPixel2 MPLens× 2AudioTone qualityNoise suppression and echo cancellationNetworkCommunication protocolISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPIWired network10 M/100 M/1000 M self-adaptiveInterfaceNetwork interface1Lock output1Exit button1Power interface2-pinCapacity6000Caractapacity10,000Event capacity10,000Event capacity10,000Event capacity50,000Authenication< 0.2 s   | Dimensions                     | 4.3-inch  |  |
| VideoPixel2 MPLens× 2AudioTone qualityNoise suppression and echo cancellationNetworkCommunication protocolISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPIWired network10 M/1000 M/self-adaptiveInterfaceNetwork interface1Lock output1Exit button1Door contact input1Power interface2-pinCapacity6000Card capacity10,000Event capacity10,000Event capacity10,000Event capacity0.3 to 3 mFace recognition distance0.3 to 3 mFace recognition duration< 0.2 s  | Туре                           | IPS Full Screen   |  |
| Pixel2 MPLens× 2AudioTone qualityNoise suppression and echo cancellationNetworkCommunication protocolISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPIWired network10 M/100 M/1000 M self-adaptiveInterfaceNetwork interface1Lock output1Door contact input1Power interface2-pinCard capacity6000Card capacity10,000Event capacity10,000Event capacity0.000Event capacity0.3 to 3 mFace recognition distance0.3 to 3 mFace recognition distance0.3 to 3 mFace recognition duration< 0.2 s  | Operation method               | Capacitive touch screen   |  |
| Lens       × 2         Audio       Noise suppression and echo cancellation         Network       E         Communication protocol       ISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPI         Wired network       10 M/100 M/1000 M self-adaptive         Interface       1         Lock output       1         Exit button       1         Door contact input       1         Power interface       2-pin         Capacity       6000         Card capacity       10,000         Event capacity       0,300         Authentication       1         Face capacity       0,000         Event capacity       10,000         Event capacity       0,3 to 3 m         Face recognition distance       0.3 to 3 m         Face recognition distance       0.3 to 3 m         Face recognition duration       < 0.2 s | Video                          |   |  |
| AudioTone qualityNoise suppression and echo cancellationNetworkCommunication protocolISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPIWired network10 M/1000 M/1000 M self-adaptiveInterfaceNetwork interface1Lock output1Exit button1Door contact input1Power interface2-pinCapacity6000Card capacity10,000Event capacity10,000Event capacity10,000Face capacity10,000Face recognition distance0.3 to 3 mFace recognition duration< 0.2 s   | Pixel                          | 2 MP  |  |
| Tone qualityNoise suppression and echo cancellationNetworkCommunication protocolISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPIWired network10 M/100 M/1000 M self-adaptiveInterfaceNetwork interface1Lock output1Exit button1Door contact input1Power interface2-pinCapacity6000Card capacity10,000Event capacity10,000Event capacity10,000Feace recognition distance0.3 to 3 mFace recognition duration< 0.2 s   | Lens                           | × 2   |  |
| NetworkCommunication protocolISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPIWired network10 M/100 M/1000 M self-adaptiveInterface1Network Interface1Lock output1Exit button1Door contact input2-pinCapacity6000Card capacity10,000Event capacity10,000Event capacity10,000Event capacity10,000Event capacity10,000Event capacity0.3 to 3 mFace recognition distance0.3 to 3 mFace recognition duration< 0.2 s  | Audio                          |   |  |
| Communication protocolISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPIWired network10 M/1000 M self-adaptiveInterface1Network interface1Lock output1Exit button1Door contact input2-pinCapacity6000Caradity10,000Event capacity6000Card capacity10,000Event capacity10,000Event capacity0.3 to 3 mFace recognition distance0.3 to 3 mFace recognition duration< 0.2 s   | Tone quality                   | Noise suppression and echo cancellation                                     |  |
| Wired network10 M/100 M/self-adaptiveInterfaceNetwork interface1Lock output1Exit button1Door contact input1Power interface2-pinCapacity6000Card capacity10,000Event capacity10,000Event capacity10,000Event capacity10,000Face recognition distance0.3 to 3 mFace recognition distance0.3 to 3 mFace recognition duration< 0.2 s   | Network                        |   |  |
| InterfaceNetwork interface1Lock output1Lock output1Door contact input1Power interface2-pinCapacity6000Card capacity10,000Event capacity10,000Event capacity10,000Authentication  | Communication protocol         | ISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPI |  |
| Network interface1Lock output1Lock output1Exit button1Door contact input1Power interface2-pinCapacity6000Carac capacity10,000Event capacity150,000Authentication   | Wired network                  | 10 M/100 M/1000 M self-adaptive   |  |
| Lock output1Exit button1Door contact input1Power interface2-pin600010,000Card capacity10,000Event capacity150,0000.3 to 3 mFace recognition distance0.3 to 3 mFace recognition duration< 0.2 s   | Interface                      |   |  |
| Exit button1Door contact input1Power interface2-pinCapacity6000Card capacity10,000Card capacity150,000Authentication0.3 to 3 mFace recognition distance0.3 to 3 mFace recognition accuracy rate>99%Face recognition duration< 0.2 s  | Network interface              | 1   |  |
| Door contact input1Power interface2-pinCapacity6000Card capacity10,000Card capacity150,000Event capacity150,000AuthenticationFace recognition distance0.3 to 3 mFace recognition accuracy rate>99%Face recognition duration< 0.2 s   | Lock output                    | 1   |  |
| Power interface2-pinCapacity6000Face capacity6000Card capacity10,000Event capacity150,000Authentication7Face recognition distance0.3 to 3 mFace recognition accuracy rate>99%Face recognition duration< 0.2 s  | Exit button                    | 1   |  |
| CapacityFace capacity6000Card capacity10,000Event capacity150,000AuthenticationFace recognition distance0.3 to 3 mFace recognition accuracy rate> 99%Face recognition duration< 0.2 s  | Door contact input             | 1   |  |
| Face capacity6000Card capacity10,000Event capacity150,000AuthenticationFace recognition distance0.3 to 3 mFace recognition accuracy rate> 99%Face recognition duration< 0.2 s  | Power interface                | 2-pin   |  |
| Card capacity10,000Event capacity150,000AuthenticationFace recognition distance0.3 to 3 mFace recognition accuracy rate> 99%Face recognition duration< 0.2 s   | Capacity                       |   |  |
| Event capacity150,000AuthenticationFace recognition distance0.3 to 3 mFace recognition accuracy rate> 99%Face recognition duration< 0.2 s  | Face capacity                  | 6000  |  |
| AuthenticationFace recognition distance0.3 to 3 mFace recognition accuracy rate> 99%Face recognition duration< 0.2 s   | Card capacity                  | 10,000  |  |
| Face recognition distance0.3 to 3 mFace recognition accuracy rate> 99%Face recognition duration< 0.2 s   | Event capacity                 | 150,000   |  |
| Face recognition accuracy rate> 99%Face recognition duration< 0.2 s  | Authentication                 |   |  |
| Face recognition duration< 0.2 sCard typeEM cardCard reading frequency125 KHzFunctionSupportQR code recognitionSupportFace anti-spoofingSupportAudio promptSupportTime synchronizationSupportGeneral2V/2A (power adapter not included)Working temperature-10 °C to 50 °C (14 °F to 122 °F)   | Face recognition distance      | 0.3 to 3 m  |  |
| Card typeEM cardCard reading frequency125 KHzFunctionSupportQR code recognitionSupportFace anti-spoofingSupportAudio promptSupportTime synchronizationSupportGeneralPower supply method12V/2A (power adapter not included)Working temperature-10 °C to 50 °C (14 °F to 122 °F)   | Face recognition accuracy rate | > 99%   |  |
| Card reading frequency125 KHzFunctionQR code recognitionSupportFace anti-spoofingSupportAudio promptSupportTime synchronizationSupportGeneral-10 °C to 50 °C (14 °F to 122 °F)   | Face recognition duration      | < 0.2 s   |  |
| FunctionQR code recognitionSupportFace anti-spoofingSupportAudio promptSupportTime synchronizationSupportGeneral12V/2A (power adapter not included)Power supply method12V/2A (power adapter not included)Working temperature-10 °C to 50 °C (14 °F to 122 °F)  | Card type                      | EM card   |  |
| QR code recognitionSupportFace anti-spoofingSupportAudio promptSupportTime synchronizationSupportGeneralI2V/2A (power adapter not included)Power supply method12V/2A (power adapter not included)Working temperature-10 °C to 50 °C (14 °F to 122 °F)  | Card reading frequency         | 125 KHz   |  |
| Face anti-spoofingSupportAudio promptSupportTime synchronizationSupportGeneralI2V/2A (power adapter not included)Working temperature-10 °C to 50 °C (14 °F to 122 °F)  | Function                       |   |  |
| Audio promptSupportTime synchronizationSupportGeneralI2V/2A (power adapter not included)Working temperature-10 °C to 50 °C (14 °F to 122 °F)   | QR code recognition            | Support   |  |
| Time synchronizationSupportGeneralI2V/2A (power adapter not included)Power supply method12V/2A (power adapter not included)Working temperature-10 °C to 50 °C (14 °F to 122 °F)  | Face anti-spoofing             | Support   |  |
| General       Power supply method     12V/2A (power adapter not included)       Working temperature     -10 °C to 50 °C (14 °F to 122 °F)  | Audio prompt                   | Support   |  |
| Power supply method12V/2A (power adapter not included)Working temperature-10 °C to 50 °C (14 °F to 122 °F)   | Time synchronization           | Support   |  |
| Working temperature-10 °C to 50 °C (14 °F to 122 °F)   | General                        |   |  |
|  | Power supply method            | 12V/2A (power adapter not included)   |  |
|  | Working temperature            | -10 °C to 50 °C (14 °F to 122 °F)   |  |
| working numiaity 0 to 90% (No condensing)  | Working humidity               | 0 to 90% (No condensing)  |  |
| Dimensions 118 mm × 118 mm × 20 mm (4.6" × 4.6" × 0.7")  | Dimensions                     | 118 mm × 118 mm × 20 mm (4.6" × 4.6" × 0.7")                                |  |
| Application environment Indoor   | Application environment        | Indoor  |  |
| Installation Surface, optional base stand  | Installation                   | Surface, optional base stand  |  |
| Language English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese,<br>Portuguese (Brazil)   | Language                       |   |  |



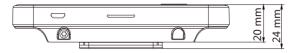
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Platform
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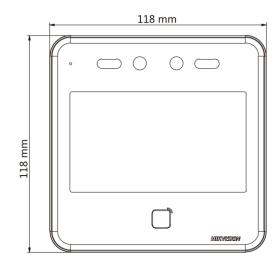
Hik-ProConnect and HikCentral Professional

## Available Model

DS-K1T642E

Dimension









Distributed by

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