



reddot award 2017  
winner

## Key Feature

### Face Recognition Terminal

- 4.3-inch touch screen
- 2 MP wide-angle dual-lens
- Face anti-spoofing
- Face recognition distance: 0.3 m to 1.5 m
- Deep learning algorithm
- 1500 face capacity, 1500 card capacity, 1500 fingerprint capacity (should be supported by device model) and 150000 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 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 Web client
- Remotely opens door and starts live view via Hik-Connect
- Supports ISAPI and EHome 5.0 protocols

### Network Indoor Station

- 7-inch IPS touch screen, user-friendly interface, plug & play
- 8.6 mm ultra-slim design, aerospace-grade aluminum panel
- Supports Wi-Fi and PoE for easy installation
- Receives video call and unlocks door via mobile App anywhere, anytime
- Supports live view of up to 16 network cameras

## Specification

### Face Recognition Terminal

#### System parameters

Operation system	Embedded Linux operation system
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#### 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
Volume adjustment	Adjust via device or client

#### Network

Wired network	10/100/1000 Mbps self-adaptive
Communication protocol	EHome 5.0

#### Interfaces

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 switch	1
USB	1, USB 2.0

#### Capacity

Card capacity	1500
Face capacity	1500
Fingerprint capacity	/
Event capacity	150000

#### Authentication

Card type	Mifare 1
Card reading distance	0 to 3 cm
Card reading duration	< 1 s
Face recognition duration	< 0.2 s
Face recognition distance	0.3 to 1.5 m
Fingerprint recognition duration	/

#### Function

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	Support multiple authentication methods

#### General

Protection level	IP65
Power supply	12 VDC, 2A
Working temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working humidity	0 to 90% (No condensing)

### Indoor Station

#### System parameters

Memory	128 MB
Flash	32 MB
Operation system	Embedded Linux operation system

#### Display parameters

Display screen	7-inch colorful IPS LCD
Display resolution	1024 × 600
Operation method	Capacitive touch screen, physical button

#### Audio parameters

Audio input	Built-in omnidirectional microphone
Audio output	Built-in loudspeaker
Audio compression standard	G.711 U
Audio compression rate	64 Kbps
Audio quality	Noise suppression and echo cancellation

#### Network parameters

Wired network	10/100 Mbps self-adaptive
Wireless network	Wi-Fi 802.11 b/g/n
Network protocol	TCP/IP, SIP, RTSP

#### Interface

Network interface	1 RJ-45 10/100 Mbps self-adaptive
Alarm input	8-ch alarm inputs
I/O output	2
TF card	Max to 32 G, SD 2.0 or lower version
RS-485	Supported

#### General

Power supply	IEEE802.3af, standard PoE 12 VDC/1 A
Power supply via detector	12 V, 200 mA
Power consumption	≤ 7 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)

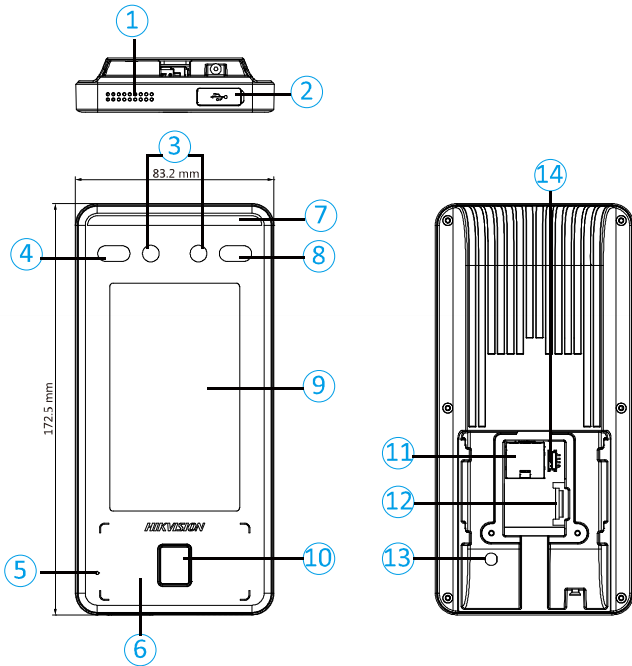
Working humidity	10% to 90%
Dimensions	180 mm × 140 mm × 22.4 mm (7.09" × 5.51" × 0.88")
Weight	899 g (with packaging) 355 g (without packaging)

## Available Model

DS-KIS901-P

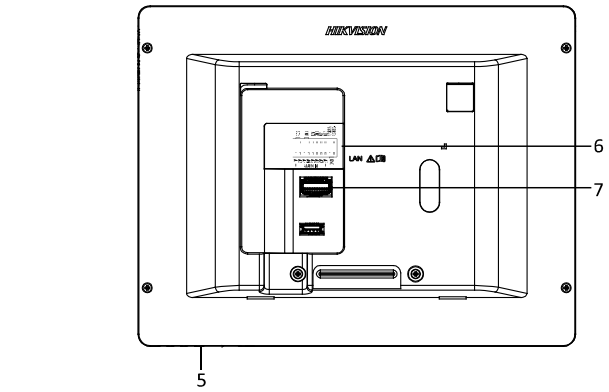
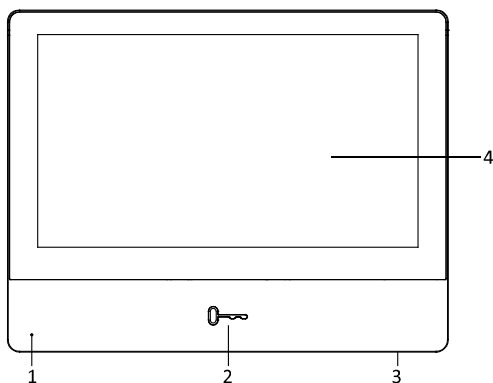
## Appearance and Interfaces

### Face Recognition Terminals



No.	Description	No.	Description
1	Loudspeaker	8	IR Light
2	Micro USB Interface	9	Screen
3	Camera	10	Fingerprint Module
4	IR Light	11	Network Interface
5	Microphone	12	Wiring Terminal
6	Card Presenting Area	13	Tamper
7	White Light	14	Debugging Port

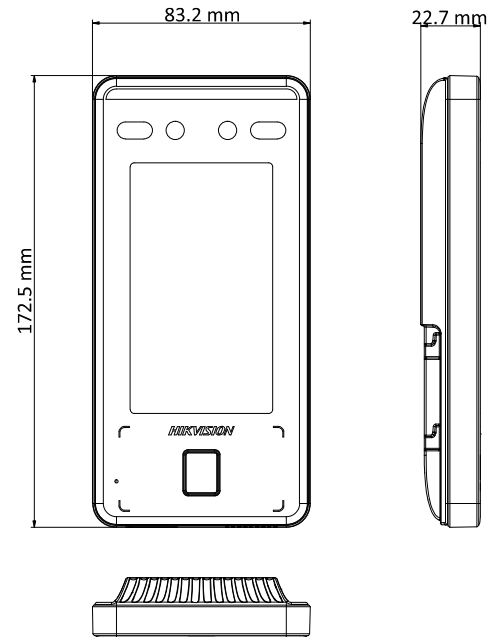
### Network Indoor Station



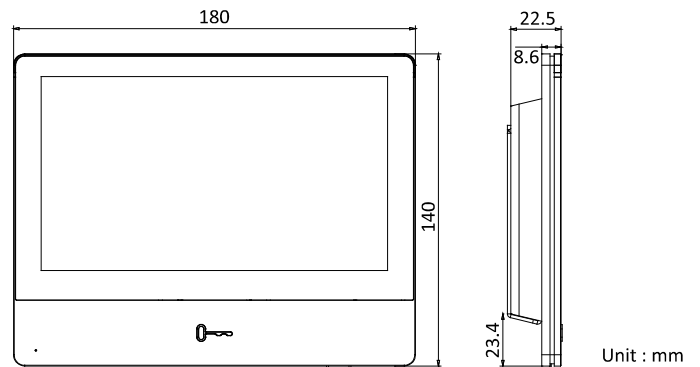
No.	Description	No.	Description
1	Microphone	5	SD Card Slot
2	Unlock Key	6	Network Interface
3	Loudspeaker	7	Power/Alarm Terminal
4	Screen		

## Dimension

### Face Recognition Terminals

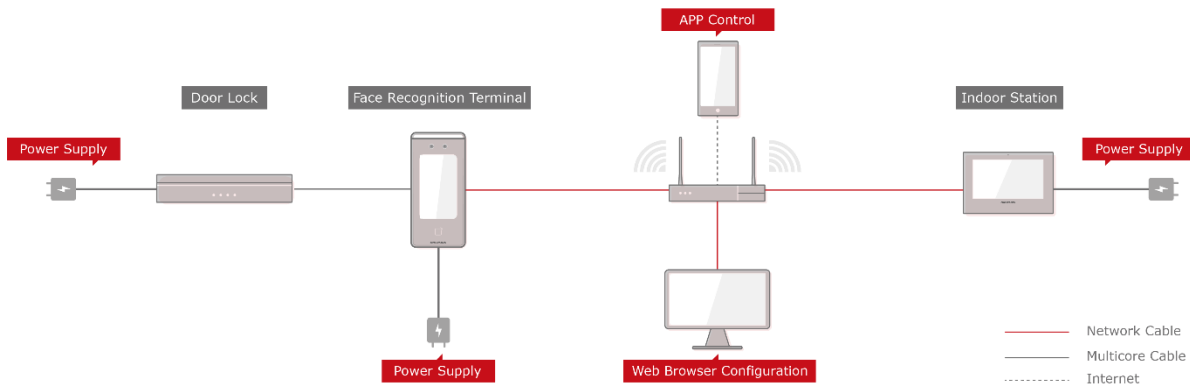


### Network Indoor Station



Unit : mm

## Typical Application



Distributed by



# HIKVISION®

### 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