

DS-KD8003Y-IME2 Two wire main unit



The KD8 series 2-wire modular door station helps to provide a safety environment with high resolution image by high resolution camera. According to different scenarios, you can choose different sub modules to extend the device functions, such as display module, signing module, button module, card presenting module, etc., which is suitable for intercom and access control requirements. You can also choose different Hikvision's brackets, with simple appearance and great texture, satisfying different installation methods, such surface mounting, flush mounting, etc. The device can also power up to 2 door locks directly, which is safe and easy for installation and deployment. It is suitable for the scenarios of apartment, office, construction site, etc.

- 2-Wire main unit of modular door station
- 2MP fisheye camera with IR supplement
- One call Physical Button For easier calls
- Two-lock control
- IP65 protection level
- Convenient configuration via Web remotely
- Directly provide 12 V, 500 mA power output for one electronic lock without additional power supply

▪ Specification

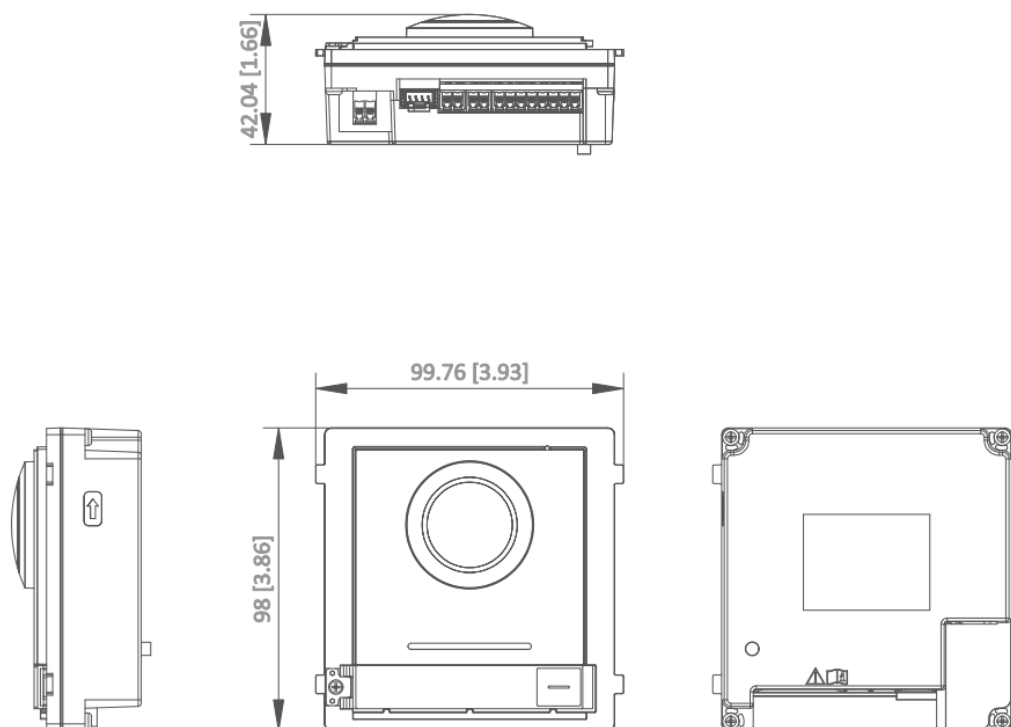
System parameters	
Operation system	Embedded Linux operation system
ROM	32 MB
RAM	256 MB
Processor	Embedded Processor
Display parameters	
Screen size	/
Operation method	/
Type	/
Resolution	/
Video parameters	
Lens	1
Resolution	2 MP
FOV	Horizontal: 146°, Vertical: 82°
Wide dynamic range (WDR)	Support
Supplement light	IR light, up to 3 m
Video compression standard	H.264; h.265; MJPEG
Audio parameters	
Audio input	1 built-in omnidirectional microphone
Audio compression standard	G.711 U、G.711 A、Opus、AAC-LD、AAC-LC、G.726、G.722.1
Audio output	1 built-in loudspeaker
Audio compression bitrate	64 Kbps
Audio quality	Noise suppression and echo cancellation
Volume adjustment	Adjustable
Capacity	
User capacity	2000
Face capacity	NA
Fingerprint capacity	/
Message capacity	/
Linked indoor station capacity	500
Sub door station capacity	16
Network parameters	
Network protocol	TCP/IP, RTSP, ipv6、onvif
Wi-Fi	/
Bluetooth	/
3G/4G	/
Device interfaces	
Alarm input	4 (2 exit buttons and 2 door contacts by default)
Network interface	NA
TAMPER	1
Exit button	2 (2 for lock control)
RS-485	1 (1 for Hikvision's sub module communication)
USB	NA
Wiegand	NA

TF card	NA
Alarm output	NA
Lock control	2 relays, Max. to 30 VDC, 2 A
Door contact input	2
Two-Wire IP interface	1
General	
Button	1
Installation	Surface mounting, flush mounting
Indicator	/
Weight	Net weight: 0.380 kg Gross weight: 0.541 kg
Protective level	IP65
Working temperature	-40° C to 60° C (-22° F to 140° F)
Working humidity	10% to 90%
Dimension (W × H × D)	100 mm × 98 mm × 42 mm
Battery	/
Power supply	Powered by KAD704Y or KAD706Y series distributor
Application environment	Outdoor
Power consumption	≤ 4 W
Language	English, Arabic, European French, Russian, European Spanish, Latin American Spanish, Italian, German, Polish, Turkish, Portuguese, Brazilian Portuguese, Uzbek, Kazakh, Czech, Hungarian, Dutch, Romanian, Bulgarian, Ukrainian, Croatian, Serbian, Greek, Lithuanian, Estonian, Latvian, Norwegian, Danish, Slovenian, Slovak, Hebrew, Swedish, Finnish, Mongolian, Vietnamese, Traditional Chinese (Taiwan), Latin American Spanish

▪ Available Model

DS-KD8003Y-IME2

▪ Dimension



Unit:mm [inch]

SCALE 1:1

▪ Accessory

▪ Optional

DS-KD-KK	DS-KD-IN	DS-KD-BK	DS-KD-KP	DS-KD-M
DS-KD-E	DS-KD-DIS	DS-KD-ACW1	DS-KD-ACW2	DS-KD-ACW3

DS-KD-KP/S
KD8 Series Pro Modular Door Station



- Keypad module of modular door station
- Supporting input pin code to open door, call indoor station
- IP65 and IK07 higher protection level
- Backlight compensation behind the keypad buttons
- Easy to use and extend
- Stainless Steel high quality material

▪ Specification

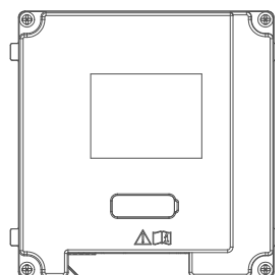
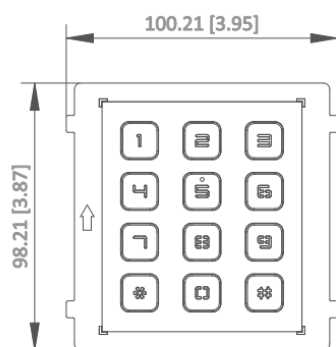
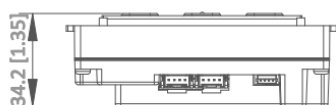
System parameters	
Operation system	Linux
ROM	/
RAM	/
Processor	Embedded high performance processor
Display parameters	
Screen size	/
Operation method	/
Type	/
Resolution	/
Video parameters	
Lens	/
Resolution	/
FOV	/
Wide dynamic range (WDR)	/
Supplement light	/
Video compression standard	/
Audio parameters	
Audio input	/
Audio compression standard	/
Audio output	/
Audio compression bitrate	/
Audio quality	/
Volume adjustment	/
Capacity	
User capacity	/
Face capacity	/
Card capacity	/
Linked network camera capacity	/
Network parameters	
Network protocol	TCP/IP, RTSP
Wi-Fi	/
Bluetooth	/
3G/4G	/
Device interfaces	
Alarm input	/
Network interface	1 RJ-45, 10/100 Mbps self-adaptive
TAMPER	/
Exit button	/
RS-485	2
USB	/
Wiegand	/
TF card	/

Alarm output	/
Lock control	/
Door contact input	/
General	
Button	12
Installation	Flush mounting, surface mounting
Indicator	/
Weight	Net weight: 190 g Gross weight: 438 g
Protective level	IP65, IK07
Working temperature	-40 °C to 55 °C (-40 °F to 131 °F)
Working humidity	10% to 95%
Dimension (W × H × D)	98.2 mm × 100.2 mm × 33.7 mm (3.87" × 3.95" × 1.33")
Battery	/
Power supply	12 VDC, powered for other module
Application environment	Outdoor
Power consumption	1 W

▪ Available Model

DS-KD-KP/S

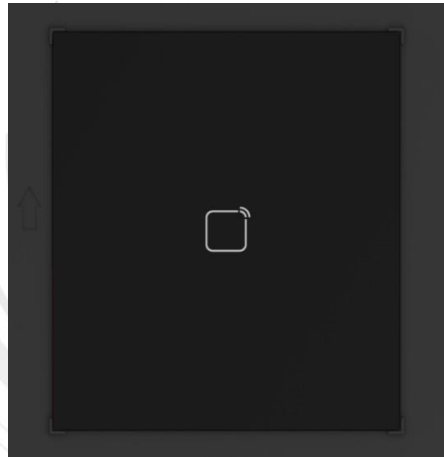
▪ Dimension



Unit:mm [inch]

SCALE 1:1

DS-KD-M
KD8 Series Pro Modular Door Station



- M1 card reader module of modular door station
- Support unlock door via swiping card, issuing cards
- IP65 protection level
- Backlight compensation behind the module
- Easy to use and extend

▪ Specification

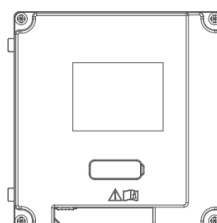
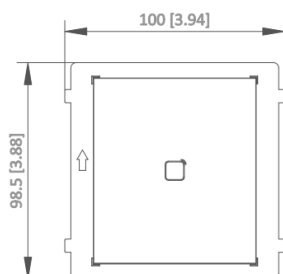
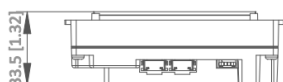
System parameters	
Operation system	Linux
ROM	/
RAM	/
Processor	Embedded high performance processor
Display parameters	
Screen size	/
Operation method	/
Type	/
Resolution	/
Video parameters	
Lens	/
Resolution	/
FOV	/
Wide dynamic range (WDR)	/
Supplement light	/
Video compression standard	/
Audio parameters	
Audio input	/
Audio compression standard	/
Audio output	/
Audio compression bitrate	/
Audio quality	/
Volume adjustment	/
Capacity	
User capacity	/
Face capacity	/
Card capacity	/
Linked network camera capacity	/
Network parameters	
Network protocol	/
Wi-Fi	/
Bluetooth	/
3G/4G	/
Device interfaces	
Alarm input	/
Network interface	/
TAMPER	/
Exit button	/
RS-485	1
USB	/
Wiegand	/
TF card	/

Alarm output	/
Lock control	/
Door contact input	/
General	
Button	/
Installation	Flush mounting, surface mounting
Indicator	/
Weight	Net weight: 160 g Gross weight: 421 g
Protective level	IP65
Working temperature	-40 °C to 55 °C (-40 °F to 131 °F)
Working humidity	10% to 95% (no-condensing)
Dimension (W × H × D)	98.5 mm × 100 mm × 33.7 mm (3.87" × 3.95" × 1.33")
Battery	/
Application environment	Outdoor
Power consumption	0.8 W

▪ Available Model

DS-KD-M

▪ Dimension



Unit:mm [inch]

SCALE 1:1

DS-KH6320Y-WTE2**Two wire indoor stations**

The KH6 series 2-wire indoor station, with 7-inch touch screen brings you a fluent video and audio communication. By considering the difficulty of deployment of the traditional video intercom, the device has improved the design and can deploy the whole video intercom system by itself independently, without extra devices or configurations, which reduces the deployment time and cost. You can view, chat with, and send permission for the visitor via mobile phone in anywhere. The device can also link other control systems, such as CCTV system, elevator control system, etc.

- 7-inch IPS touch screen 2-Wire IP indoor station with 1024 × 600 resolution
- Convenient Hik-Connect APP Mobile Control
- Receive calls, open the door and live view remotely
- Easy to use without PC
- Easy wizard for quick set up
- Configure the whole system on one touch screen
- Live view of the door station and cameras in public areas
- Support voice messages when no response from the indoor station
- Receive alarms by linkage with a alarm system and notify the center to handle in time
- Elevator access control

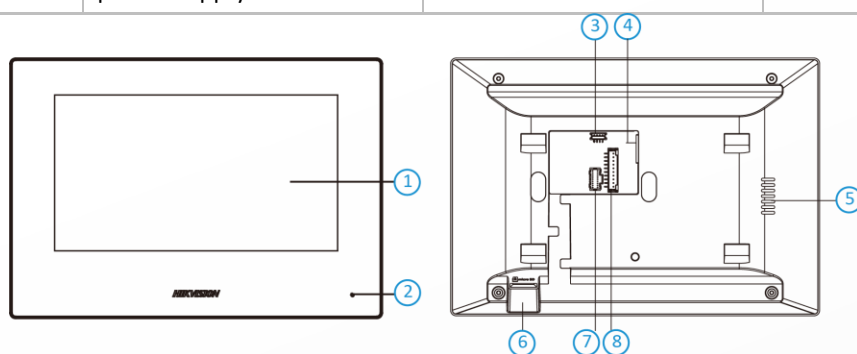
▪ Specification

System parameters	
Operation system	Embedded Linux operation system
ROM	32 MB
RAM	128 MB
Processor	Embedded processor
Display parameters	
Screen size	7-inch
Operation method	Capacitive touch screen
Type	TFT
Resolution	1024 × 600
Video parameters	
Lens	/
Resolution	/
FOV	/
Wide dynamic range (WDR)	/
Video compression standard	/
Focal length	/
Audio parameters	
Audio input	Built-in omnidirectional microphone
Audio compression standard	G.711 U、G.711 A、G.722.1
Audio output	Built-in loudspeaker
Audio compression bitrate	64 Kps
Audio quality	Noise suppression and echo cancellation
Volume adjustment	Adjustable
Capacity	
Message capacity	200 captured pictures (with TF card); 200 alarm records 2 MB RAM (without TF card) reserved for events
Notice capacity	200
Linked network camera capacity	16
Linked indoor extensions capacity	16
Linked doorphone capacity	17 IP doorphones Max.
Network parameters	
Network protocol	TCP/IP, SIP, RTSP
Wi-Fi	IEEE802.11b, IEEE802.11g, IEEE802.11n
Bluetooth	/
3G/4G	/
Zigbee	/
Device interfaces	
Alarm input	8-ch alarm inputs
TAMPER	/
RS-485	1
USB	/
TF card	Max to 128 G, SD 2.0 or lower version

Alarm output	2 relays (30 V Max.)
Lock control	2 relays, Max. to 30 VDC, 0.3 A
Two-Wire IP interface	1
General	
Button	/
Installation	Surface mounting
Indicator	/
Weight	Net weight:0.325 kg Gross weight: 0.650 kg
Protective level	/
Working temperature	-10 °C to 50 °C (14 °F to 122 °F)
Working humidity	10% to 90% (no-condensing)
Dimension (W × H × D)	200 mm × 140 mm × 23.6 mm (7.87" × 5.51" × 0.93")
Battery	/
Power supply	Powered by KAD704Y or KAD706Y series distributor
Application environment	Indoor
Power consumption	≤ 4 W
Language	English, Arabic, French, Russian, Spanish, Spanish (Latin America), Italian, German, Polish, Turkish, Portuguese, Portuguese (Brazil), Uzbek, Kazakh, Czech, Hungarian, Dutch, Romanian, Bulgarian, Ukrainian, Croatian, Serbian, Greek, Lithuanian, Estonian, Latvian, Norwegian, Danish, Slovenian, Slovak, Hebrew, Swedish, Finnish, Mongolian, Vietnamese, Traditional Chinese

▪ Physical Interface

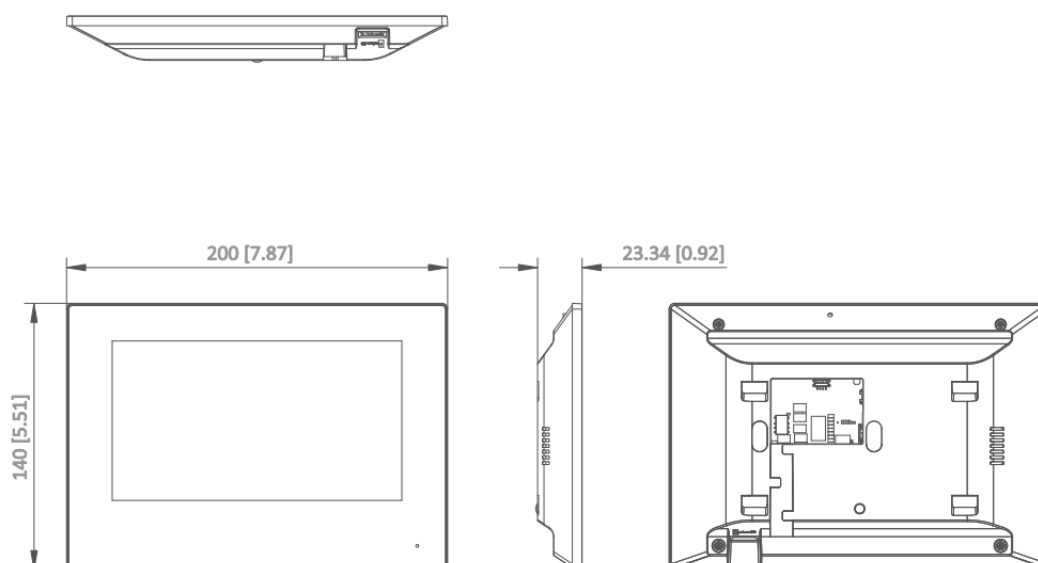
No.	Description	No.	Description
1	Screen	5	Loudspeaker
2	Microphone	6	TF Card Slot
3	Debugging Port	7	Alarm Terminal
4	Network Interface and power supply	8	Reserved



▪ Available Model

DS-KH6320Y-WTE2

▪ Dimension



Unit:mm [inch]

SCALE 1:1

▪ Accessory

▪ Optional

DS-KIS7023Y-G#EU	DS-KIS7022Y-G#EU	DS-KIS7021Y-G#EU	DS-KIS7024Y-S#EU	DS-KIS7023Y-S#EU
DS-KIS7022Y-S#EU	DS-KIS7021Y-S#EU	DS-KIS7024Y-G#EU	DS-KIS702EY	DS-KIS702Y#EU
DS-KIS702/S#Europ e	DS-KIS702/S#EURO PE	DS-KIS702Y-P	DS-KIS702Y	DS-KIS702-P

DS-KD-ACW1 **Accessory Package**



- 1 Surface mounting module brackets of modular door station: includes 1 module frame , 1 module front panel and some other necessary accessories
- Aviation aluminum high quality material

▪ Specification

General	
Weight	Net weight: 220 g Gross weight: 381 g
Working temperature	-40 °C to 55 °C (-40 °F to 131 °F)
Working humidity	10% to 95% (no-condensing)
Dimension (W × H × D)	Cover: 117 × 107 × 4 mm (4.61" × 4.21" × 0.16") Installation Frame: 117 × 107 × 32.7mm (4.61" × 4.21" × 1.29")
Material	Aviation Aluminum

▪ Available Model

DS-KD-ACW1

▪ Accessory



DS-KD8003-IME2



DS-KD8003-IME1/NS



DS-KABD8003-RS1



DS-KA01-ZX-10



DS-KD8003-IME1/S



DS-KD8003-IME1



DS-KD8003Y-IME2



DS-KD8003-IME2/S



DS-KIS702Y-P



DS-KD8003-IME2/NS



DS-KD8003-IME1(B)



DS-KD-PMR

DS-KD-ACW2/S

- 2 Surface mounting module brackets of modular door station: includes 2 module frame , 2 module front panel, 1 button cover and some other necessary accessories
- Stainless steel high quality material

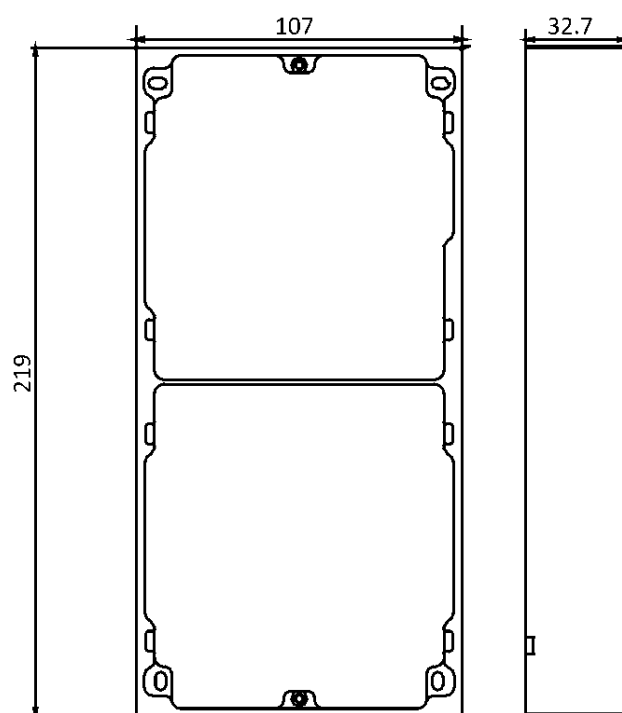
▪ Specification

General	
Working temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Working humidity	10% to 95% (no-condensing)
Dimension (W × H × D)	For cover 219 x 107 x 4 mm(8.62" x 4.21" x 0.16"), For installation 219 x 107 x 32.7 mm(8.62" x 4.21" x 1.29")
Material	Cover: stainless steel Installation frame: Aviation

▪ Available Model

DS-KD-ACW2/S

▪ Dimension



DS-KD-ACW3/S

- 3 Surface mounting module brackets of modular door station: includes 3 module frame , 3 module front panel, 1 button cover and some other necessary accessories
- Stainless steel high quality material

▪ Specification

General	
Working temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Dimension (W × H × D)	For cover 320.8 x 107 x 4 mm(12.6" x 4.21" x 0.16"), for installation frame 320.8 x 107 x 32.7 mm(12.6" x 4.21" x 1.29")
Material	Cover: stainless steel Installation frame: Aviation Aluminum

▪ Available Model

DS-KD-ACW3/S

▪ Dimension

