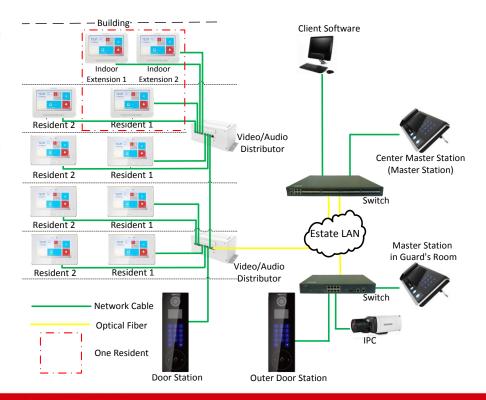## DS-KD8102-V
Video Intercom Door Station

Key Features

- Video intercom function
- Self-adaptive light supplement
- Access control function: supports multiple door opening modes
  (card, room No. + password, indoor station, and room No. + duress code)
- Auto-uploads the alarm message to the client or the master station after opening the door by entering the room No. and the duress code
- HD video surveillance (Max. resolution 1280 x 720 @ 25 fps, WDR 120° wide angle)
- Issues cards via local station function
  (This function will be invalid if the card has been activated via iVMS-4200)
- Auto-uploads captured pictures to FTP or client software while unlocking the door
- Door magnetic alarm and tamper-proof alarm function
- Noise suppression and echo cancellation
- IR detection
- Remote upgrade, batch configuration, and upgrade via USB flash disk functions
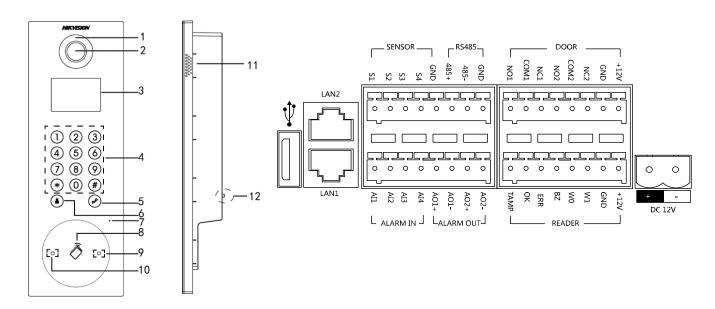
Typical Application

Specifications

Model		DS-KD8102-V
System parameters	Processor	High-Performance Embedded SOC Processor
	Operation system	Embedded Linux Operation System
Video parameters	Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
	Video compression standard	H.264
	Resolution	1280 × 720
	Video frame rate	PAL: 25 fps, NTSC: 30 fps
Display parameters	Display screen	3.5-Inch Colorful TFT LCD
	Display resolution	480 × 320
	Operation method	Capacitive Touch Keypad
	Operation interface	LCD Display, Easy Menu
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
Access control parameters	Internal card reader	Built-in IC Card Reader
	External card reader	Wiegand 26, Wiegand 34, or RS-485 IC Reader
	Door magnetic detection	Detect Door Magnetic Status
IR human detection	Approaching detection	Supporting IR Detection, Vertical Distance: from 60 cm to 80 cm
Light supplement	Light supplement mode	Visible Light Supplement
Network parameters	Ethernet	10/100 Mbps Self-Adaptive Ethernet
	Network protocol	TCP/IP, SNMP, SIP, RTSP
Alarm parameters	Alarm input	Door Magnetic Alarm, Tamper Alarm
Device interfaces	Network interface	1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface
	RS-485	1 RS-485 Half-Duplex Port
	I/O input	8
	I/O output	4
	Wiegand	1 Wiegand Port for Accessing Wiegand IC Card Reader
	USB	1 USB 2.0, Supporting U-Disk
General	Material	Plastic
	Power supply	12 VDC
	Power consumption	≤15 W
	Working temperature	-40° C to +70° C (-40° F to 158° F)
	Working humidity	10% to 90%
	IP protection level	IP65
	Dimensions (L × W × H)	418 mm × 145 mm × 61 mm (16.5" × 5.7" × 2.4")
	Certification	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE

Available Model

DS-KD8102-V

Appearance and Interfaces

Index	Description	Index	Description
1	Low Illumination Supplement Light	**7**	Microphone
2	Built-in Camera	**8**	Card Induction Area
3	LCD Display Screen	**9**	IR Emission
4	Numeric Keypad	**10**	IR Receiver
5	Calling Key	**11**	Loudspeaker
6	Calling Center Key	**12**	TAMPER

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