HIKVISION

2018 EU NON-CCTV CATALOGUE

www.hikvision.com

HIKVISION UNAUTHORIZED DISTRIBUTORS POLICY

Hikvision Europe sells products only through authorized distributors. We value our industry partners and are proud of the relationships we have developed to help expand the use of our innovative technology products and solutions. These authorized distributors have committed to serve as a link in the Hikvision Europe value chain by providing excellent pre- and post-sale customer service, including full firmware and sales engineering support.

Not every distributor advertising Hikvision products has been authorized by Hikvision Europe to advertise or sell those products. We warn potential customers against purchasing these "gray market" products from unauthorized distributors. Unauthorized distributors may be selling counterfeit, used, or damaged product. Much of the products sold by unauthorized distributors have been altered with modified firmware. Since this means that it is no longer in original factory condition, Hikvision warranty is void, per company policy.

We warn potential customers against purchasing from unauthorized distributors. Purchasing through authorized Hikvision Europe distributors ensures that you receive the benefits of technical support, project registration, dealer loyalty programs and advance replacement of any camera, recorder, monitor, video server, or software, in addition to Hikvision Europe full warranty. Additionally, products purchased through authorized distribution partners have additional features and capabilities that distinguish the Europe offering.

If you have any questions or concerns about the official status of your Hikvision distributor before your purchase, please contact Hikvision Europe Customer Service at support.eu@hikvision.com to confirm their authorized status.

Thank you for your continued support of our industry-leading video surveillance products.

ABOUT HIKVISION

It started with cutting-edge technology: high-definition IP cameras, digital video servers, hybrid and standalone DVRs, NVRs, speed domes, encoders and decoders. And momentum continues to develop new technologies for a safer future.

Strengthened by one of the largest R&D teams in the video surveillance industry, the innovation behind these products quickly made Hikvision the #1 CCTV and video surveillance equipment provider in the world (2017 IHS Report). A total solution provider, Hikvision manufactures a full suite of video surveillance products and solutions for a broad range of vertical markets, including retail, education, and many others. Whatever the scope or requirements of the application, Hikvision has a user-friendly, highly scalable product to meet those needs.

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GREATER
PARTNERSHIPS

Hikvision is pleased to introduce an exclusive, invitation-only Partner Program. We are committed to investing in our installer partners with a focus on capitalisation of project opportunities. Partner with Hikvision and leverage our unique market position as the leading video product manufacturer in the world, while gaining the benefits of an invitation-only program.

From inside sales to engineering support, from customer service to technical support, Hikvision goes the extra mile to provide customers with all of the elements they need for a first-class security system. Hikvision's Dealer Partner Program provides additional resources for dealers to help promote business success through knowledge and valuable tools. Hikvision is committed to protecting and creating business value for its customers.

To learn more about the program, please contact us at partners.eu@hikvision.com

TAKE TOTAL CONTROL
OF YOUR SECURITY SYSTEM

When you're installing security systems, there's a lot on your mind and there's a lot riding on your product decisions. The equipment you choose must be absolutely reliable, made with the highest quality components, and user-friendly. Whether you're upgrading an existing infrastructure, or building a new security system from the ground up, only the best will do. Top-of-the-line video surveillance systems, expert installation, and first-rate customer service from the bedrock of the industry. That's what you expect. And that's what Hikvision provides.

Intercom
Wi-Fi Doorbell

Peace of mind
in the palm of your hand!

- Never miss a visitor
- 2-Way voice
- Mobile access
- Fisheye camera wide view
- Playback from in-build SD card
- Easy DIY installation
- Motion detection

Available model:
DS-KB6403-WIP

Intercom
2 wire IP kit

Real plug and play
all in one kit!

Convenience
Use a mobile phone application to always be
reachable

IP system
Hybrid IP system compatible with Hikvision product
lines and software

Retrofit market
Replace the old fashion intercom systems and
save costs on installation and wiring

Available model:

DS-KIS701

Hik-Connect

INTERCOM

Hikvision's visual intercom system introduces a human element to an electronic mode of communication by allowing callers to see each other. But that's not all - we also included a list of intelligent features. This visual intercom extends surveillance capabilities, adding a level of safety to a user`s environment. It creates a hub for emergency responses, adding an access control dimension to reinforce a sense of safety in the home or workplace. Our echo-cancellation technology ensures high quality voice transmission, providing an exceptional user experience. All this and more can be easily managed with our mobile app.

Benefits include:
• Video surveillance
• Unit-to-unit video calling
• Alarm connectivity
• Information broadcasting
• Mobile APPs
• Extension capability
• High quality voice transmission
• Friendly user interface
• Unified platform control.

	2 WIRE GANG BOX	2 WIRE DISTRIBUTOR	2 WIRE INDOOR STATION	2 WIRE INTERCOM KIT	2 WIRE INTERCOM
Short Description	2 wire IP Video/Gang Box	2 wire IP Video/Audio Distributor	2 wire IP Indoor Station	2 wire IP video kit	2 wire IP Door Station
Model	DS-KAB8103-IMEX	DS-KAD709	DS-KH8340-TCE2	DS-KIS701	DS-KV8103-IME2
Processor			High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation system				Embedded Linux Operation System	Embedded Linux Operation System
Camera				CMOS Low Illumination 2 MP HD Colorful 155° Fisheye Camera	CMOS Low Illumination 2 MP HD Colorful 155° Fisheye Camera
Video compression standard			H.264	H.264	H.264
Resolution				1920 × 1080	1920 × 1080
Video frame rate				PAL: 25 fps	PAL: 25 fps
Audio input			Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio output			Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio compression standard				G.711 U	G.711 U
Audio compression rate				64 Kbps	64 Kbps
Audio quality			Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Exit button				Exit Button for Opening the Door	Exit Button for Opening the Door
Door magnetic detection				Detects Door Magnetic Status	Detects Door Magnetic Status
Light supplement mode				IR Supplement	IR Supplement
Ethernet				10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps Self-Adaptive Ethernet
Network protocol				TCP/IP, RTSP	TCP/IP, RTSP
Alarm input				Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm
Alarm output			1	1	
Network interface			Two-Wire Interface	Two-Wire Interface	Two-Wire Interface
RS-485			1, Half-duplex Interface	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O input				2	2
I/O output				1-ch 12 VDC Output	1-ch 12 VDC Output
Material				Stainless Steel	Stainless Steel
Power supply		24 VDC	Powered by DS-KAD709	24 VDC, Power Over Network Cable (DS-KAD709)	24 VDC, Power Over Network Cable (DS-KAD709)
Power consumption		60 W	Max. 10 W	≤12 W	≤12 W
Working temperature		-10 ▯ to 55 ▯	-10 ° C to +55 ° C (14 ° F to 131 ° F)	-30 °C to +60 °C (-22 °F to 140 °F)	-30 °C to +60 °C (-22 °F to 140 °F)

	ANALOGUE INTERCOM			ANALOGUE KIT	
Short Description	4 Wire Video Intercom Outdoor Station	4 Wire Video Intercom Outdoor Station	4 Wire Video Intercom Indoor Station	4 Wire Video Intercom Kit - Vandal Resistant	4 Wire Video Intercom Kit
Model	DS-KB2411-IM	DS-KB2421-IM	DS-KH2220	DS-KIS203	DS-KIS204
Camera(door station)	1/4" CMOS, Low Illumination	1/4" CMOS		1/4" CMOS, Low Illumination	1/4" CMOS, Low Illumination
Resolution(door station)	720 × 576	720 × 576		720 × 576	720 × 576
Video frame rate(door station)	PAL: 25 fps	PAL: 25 fps		PAL: 25 fps	PAL: 25 fps
Audio input(door station)	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone		Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio output(door station)	Built-in Loudspeaker	Built-in Loudspeaker		Built-in Loudspeaker	Built-in Loudspeaker
Audio quality(door station)	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation		Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Light supplement mode(door station)	Photosensitive IR Supplement, IR Range: 2 Meters	Photosensitive IR Supplement, IR Range: 2 Meters		Photosensitive IR Supplement, IR Range: 2 Meters	Photosensitive IR Supplement, IR Range: 2 Meters
Four-wire interface(door station)	1 Four-Wire Interface (1-ch Video Input, 1-ch Audio Input, 1-ch Power Supply, 1-ch Grounding)	1 Four-Wire Interface (1-ch Video Input, 1-ch Audio Input/Output, 1-ch Power Supply, 1-ch Grounding)		1 Four-Wire Interface (1-ch Video Input, 1-ch Audio Input, 1-ch Power Supply, 1-ch Grounding)	1 Four-Wire Interface (1-ch Video Input, 1-ch Audio Input, 1-ch Power Supply, 1-ch Grounding)
I/O output(door station)	1 Relay Output	1 Relay Output		1 Relay Output	1 Relay Output
Material(door station)	Metal	Zinc Alloy		Zync Alloy	Aluminium Alloy face plate/ platic body
Power consumption(door station)	Max. 5W	Max. 5W		Max. 5W	Max. 5W
Working temperature(door station)	-30° C to +60° C	-30° C to +70° C		-30° C to +60° C	-30° C to +60° C
Working humidity(door station)	10% to 90%	10% to 90%		10% to 90%	10% to 90%
Dimensions (L × W × H) (door station)	128 mm × 42 mm × 24.8 mm	145mm × 49.2 mm × 26.45 mm		145mm × 49.2 mm × 26.45 mm	128 mm × 42 mm × 24.8 mm
Display screen(indoor station)			7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD
Display resolution(indoor station)			800 × 480	800 × 480	800 × 480
Operation method(indoor station)			Physical Button	Physical Button	Physical Button
Audio input(indoor station)			Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio output(indoor station)			Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio quality(indoor			Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation

IP INTERCOM

Short Description	Metal Compact Apartment Door Station	Metal Apartment Door Station
Model	DS-KD3002-VM	DS-KD8002-VM
Processor	High-Performance Embedded SOC Processor	High-performance Embedded SOC Processor
Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
Video Compression Standards	H.264	H.264
Resolution	1280 × 720	1280 × 720
Video Frame	PAL: 25 fps, NTSC: 30 fps	PAL: 25 fps, NTSC: 30 fps
Display Screen	3.5-Inch Colorful TFT LCD	3.5-Inch Colorful TFT LCD
Operation Interface	LCD Display, Easy Menu	LCD Display, Easy Menu
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps
Internal Card Reader	Built-in Mifare 1 Card Reader	Built-in Mifare-1 Card Reader
External Card Reader	Wiegand 26, Wiegand 34, or RS485 IC Reader	Wiegand 26, Wiegand 34, or RS485 IC Reader
Light Supplement Mode	Visible Light Supplement	Visible Light Supplement
Ethernet	10M/100M/1000M Self-Adaptive Ethernet	10M/100M/1000M Self-Adaptive Ethernet
Network Protocol	TCP/IP, SNMP, SIP, RTSP	TCP/IP, SNMP, SIP, RTSP
Alarm Input	Door Magnetic Alarm, Tamper Alarm	Door Magnetic Alarm, Tamper Alarm
RS-485	1 RS485 Half-Duplex Port	1 RS485 Half-Duplex Port
Wiegand	1 Wiegand Port for Accessing Wiegand RFID Card Reader	1 Wiegand Port for Accessing Wiegand RFID Card Reader
USB	1; USB2.0, Supporting U-disk	1; USB2.0, Supporting U-disk
Material	Aluminum Alloy	Aluminum Alloy
Power Supply	12 VDC	12 VDC
Working Temperature	-40° C to +60° C	-40° C to +70° C
IP Protection Level	IP65	IP65
Dimension	357 mm × 124 mm × 55 mm	418 mm × 145 mm × 61 mm
Certification	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE	CE, FCC

Short Description	Apartment Door Station
Model	DS-KD8102-V
Processor	High-Performance Embedded SOC Processor
Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
Video Compression Standards	H.264
Resolution	1280 × 720
Video Frame	PAL: 25 fps, NTSC: 30 fps
Display Screen	3.5-Inch Colorful TFT LCD
Operation Interface	LCD Display, Easy Menu
Audio Input	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio Compression Standard	G.711 U
Audio Compression Rate	64 Kbps
Internal Card Reader	Built-in Mifare 1 Card Reader
External Card Reader	Wiegand 26, Wiegand 34, or RS485 IC Reader
Light Supplement Mode	Visible Light Supplement
Ethernet	10M/100M/1000M Self-Adaptive Ethernet
Network Protocol	TCP/IP, SNMP, SIP, RTSP
Alarm Input	Door Magnetic Alarm, Tamper Alarm
RS-485	1 RS485 Half-Duplex Port
Wiegand	1 Wiegand Port for Accessing Wiegand RFID Card Reader
USB	1; USB2.0, Supporting U-disk
Material	Plastic
Power Supply	12 VDC
Working Temperature	-40° C to +70° C
IP Protection Level	IP65
Dimension	418 mm × 145 mm × 61 mm
Certification	CE, FCC

IP INTERCOM

Short Description	**Vandal-Resistant Villa Door Station**	**Metal 1 Button Villa Door Station**
Model	DS-KB8112-IM	DS-KV8102-IM
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Camera	CMOS Low Illumination 1.3 MP HD Digital WDR Colorful Camera with Motion Detection	CMOS Low Illumination 1.3 MP HD Colorful Camera
Video Compression Standards	H.264	H.264
Resolution	1280 × 720	1280 × 720
Video Frame	25 fps	25 fps
Display Screen	N/A	N/A
Operation Interface	N/A	N/A
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps
Internal Card Reader	N/A	Built-in Mifare-1 Card Reader
External Card Reader	N/A	Door Button for Opening the Door
Light Supplement Mode	IR Supplement	IR Supplement
Ethernet	10M/100M Self-Adaptive Ethernet	10M/100M Self-Adaptive Ethernet
Network Protocol	TCP/IP, RTSP, ONVIF, ISAPI, HTTP/S, SMTP	TCP/IP, SNMP, SIP, RTSP
Alarm Input	Door Magnetic Alarm	Door Magnetic Alarm; Tampering Alarm
RS-485	N/A	1 RS485 Half-Duplex Port
Wiegand	1	1
USB	N/A	N/A
Material	Zinc Alloy, IK9 Impact Protection	Aluminum alloy
Power Supply	PoE (802.3af Class 3), 12 VDC	Power Over Network Cable (DS-KAD606 ,DS-KAD612)/12 VDC
Working Temperature	-40° C to +70° C	-40° C to +70° C
IP Protection Level	IP66	IP65
Dimension	161.9 mm × 74.1 mm × 53.2 mm	182 mm × 100 mm × 32.5 mm
Certification	CE, FCC	CE, FCC

Short Description	Plastic 1 Button Villa Door Station	Plastic 1 Button Villa Door Station
Model	DS-KV8102-IP	DS-KV8102-VP
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
Video Compression Standards	H.264	H.264
Resolution	1280 × 720	1280 × 720
Video Frame	25 fps	25 fps
Display Screen	N/A	N/A
Operation Interface	N/A	N/A
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps
Internal Card Reader	Built-in Mifare-1 Card Reader	Built-in Mifare-1 Card Reader
External Card Reader	Door Button for opening the Door	Door Button for opening the Door
Light Supplement Mode	IR Supplement	Visible Light Supplement
Ethernet	10M/100M Self-Adaptive Ethernet	10M/100M Self-Adaptive Ethernet
Network Protocol	TCP/IP, SNMP, SIP, RTSP	TCP/IP, SNMP, SIP, RTSP
Alarm Input	Door Magnetic Alarm; Tampering Alarm	Door Magnetic Alarm; Tampering Alarm
RS-485	1 RS485 Half-duplex Port	1 RS485 Half-duplex Port
Wiegand	1	1
USB	N/A	N/A
Material	Plastic	Plastic
Power Supply	Power Over Network Cable (DS-KAD606 ,DS-KAD612)/12 VDC	Power Over Network Cable (DS-KAD606 ,DS-KAD612)/12 VDC
Working Temperature	-40° C to +70° C	-40° C to +70° C
IP Protection Level	IP65	IP65
Dimension	164 mm × 97 mm × 40.6 mm	164 mm × 97 mm × 40.6 mm
Certification	CE, FCC	CE, FCC

Short Description	Metal 2 Button Villa Door Station	Metal 4 Button Villa Door Station
Model	DS-KV8202-IM	DS-KV8402-IM
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
Video Compression Standards	H.264	H.264
Resolution	1280 × 720	1280 × 720
Video Frame	25 fps	25 fps
Display Screen	N/A	N/A
Operation Interface	N/A	N/A
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps
Internal Card Reader	Built-in Mifare-1 Card Reader	Built-in Mifare-1 Card Reader
External Card Reader	Door Button for Opening the Door	Door Button for Opening the Door
Light Supplement Mode	IR Supplement	IR Supplement
Ethernet	10M/100M Self-Adaptive Ethernet	10M/100M Self-Adaptive Ethernet
Network Protocol	TCP/IP, SNMP, SIP, RTSP	TCP/IP, SNMP, SIP, RTSP
Alarm Input	Door Magnetic Alarm; Tampering Alarm	Door Magnetic Alarm; Tampering Alarm
RS-485	1 RS485 Half-Duplex Port	1 RS485 Half-Duplex Port
Wiegand	2	4
USB	N/A	N/A
Material	Aluminum alloy	Aluminum alloy
Power Supply	Power Over Network Cable (DS-KAD606 ,DS-KAD612)/12 VDC	Power Over Network Cable (DS-KAD606 ,DS-KAD612)/12 VDC
Working Temperature	-40° C to +70° C	-40° C to +70° C
IP Protection Level	IP65	IP65
Dimension	182 mm × 100 mm × 32.5 mm	182 mm × 100 mm × 32.5 mm
Certification	CE, FCC	CE, FCC

INSTALLATION BOX, COVER AND STAND

Short Description	Protective Heavy-Duty Shield	Protective Shield	Protective Shield	Gang Box
Model	DS-KAB01	DS-KAB02	DS-KAB03-V	DS-KAB86
Compatibility	DS-KV8X02-IM	DS-KV8X02-IM	DS-KV8102-IP/VP	All Indoor Stations
Housing material	Stainless Steel SUS201	Stainless Steel SUS201	Stainless Steel	PVC
Inner-shell material	SGCC	SGCC	SGCC	
Working temperature	-30° C to +60° C	-30° C to +60° C	-40° C to +70° C	-5° C to +60° C
Working humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimension (L x W x H)	212×115×75	193×106×75 mm	172.3×100×71 mm	81×78×50 mm

INSTALLATION BOX, COVER AND STAND

Short Description	Protective Shield	Protective Shield
Model	DS-KAB10-D	DS-KAB11-D
Compatibility	DS-KD8102-V	DS-KD8002-VM
Housing material	Stainless Steel	Stainless Steel
Inner-shell material	SGCC	SGCC
Working temperature	-40° C to +70° C	-40° C to +70° C
Working humidity	10% to 90%	10% to 90%
Dimension (L x W x H)	489.6×171.88×105.41 mm	424×149×98 mm

INSTALLATION BOX, COVER AND STAND

Short Description	Indoor Station Table Stand
Model	DS-KAB21-H
Compatibility	DS-KH83XX/63XX
Housing material	Stainless Steel
Inner-shell material	SGCC
Working temperature	-40° C to +70° C
Working humidity	10% to 90%
Dimension (L x W x H)	130.6x98.67x101.62 mm

INDOOR STATIONS

Short Description	Video Intercom Indoor Station	Video Intercom Indoor Station
Model	DS-KH6210-L	DS-KH6310
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	N//A	N//A
Video Compression Standards	N//A	N//A
Resolution	N//A	N//A
Video Frame	N//A	N//A
Display Screen	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD
Display Resolution	800 × 480	800 × 480
Operation Method	Physical Key	Capacitive Touch Screen, Physical Key
Operation Interface	Flattened UI Operation Interface	Flattened UI Operation Interface
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps
Ethernet	10M/100M Self-Adaptive Ethernet	10M/100M Self-Adaptive Ethernet
Wireless Internet	N/A	Wi-Fi 802.11 b/g/n
Network Protocol	TCP/IP, SNMP, SIP, RTSP	TCP/IP, SNMP, SIP, RTSP
Network Access	1 RJ45 10M/100M Self-Adaptive Ethernet Access	1 RJ45 10M/100M Self-Adaptive Ethernet Access
RS485	N/A	1; RS-485 Half-Duplex
USB	N/A	N/A
I/O Output	N/A	1
I/O Input	2-ch Alarm Sensor Input	8-ch Alarm Sensor Input
SD Card	N/A	N/A
Power Supply	24 VDC, Power Over Network Cable (DS-KAD606, DS-KAD612)/12 V DC	24 VDC, Power Over Network Cable (DS-KAD606, DS-KAD612)/12 V DC
Power Consumption	≤10W	≤10W
Working Temperature	-10° C to +55° C (14° F to 131° F)	-10° C to +55° C (14° F to 131° F)
Dimension (L x W x H)	195.8 mm × 132.8 mm × 17.5 mm	195.8 mm × 132.8 mm × 17.5 mm
Certification	CE, FCC	CE, FCC

Short Description	Video Intercom Indoor Station
Model	DS-KH6310/-W
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Camera	N//A
Video Compression Standards	N//A
Resolution	N//A
Video Frame	N//A
Display Screen	7-Inch Colorful TFT LCD
Display Resolution	800 × 480
Operation Method	Capacitive Touch Screen, Physical Key
Operation Interface	Flattened UI Operation Interface
Audio Input	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio Compression Standard	G.711 U
Audio Compression Rate	64 Kbps
Ethernet	10M/100M Self-Adaptive Ethernet
Wireless Internet	N/A
Network Protocol	TCP/IP, SNMP, SIP, RTSP
Network Access	1 RJ45 10M/100M Self-Adaptive Ethernet Access
RS485	1; RS-485 Half-Duplex
USB	N/A
I/O Output	1
I/O Input	8-ch Alarm Sensor Input
SD Card	N/A
Power Supply	24 VDC, Power Over Network Cable (DS-KAD606, DS-KAD612)/12 V DC
Power Consumption	≤10W
Working Temperature	-10° C to +55° C (14° F to 131° F)
Dimension (L x W x H)	195.8 mm × 132.8 mm × 17.5 mm
Certification	CE, FCC

smart SOLUTION

INDOOR STATIONS

Short Description	Video Intercom Indoor Station	Video Intercom Indoor Station
Model	DS-KH8300-T	DS-KH8301-WT
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	N//A	CMOS 0.3MP, Mechanical Switch
Video Compression Standards	N//A	H.264
Resolution	N//A	640x480
Video Frame	N//A	PAL: 25 fps, NTSC: 30 fps
Display Screen	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD
Display Resolution	1024 × 600	1024 × 600
Operation Method	Capacitive Touch Screen, Touch Key	Capacitive Touch Screen, Touch Key
Operation Interface	Flattened UI Operation Interface	Flattened UI Operation Interface
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps
Ethernet	10M/100M Self-Adaptive Ethernet	10M/100M Self-Adaptive Ethernet
Wireless Internet	N//A	Wi-Fi 802.11b/g/n
Network Protocol	TCP/IP, SNMP, SIP, RTSP	TCP/IP, SNMP, SIP, RTSP
Network Access	1 RJ45 10M/100M Self-Adaption Ethernet Interface	1 RJ45 10M/100M Self-Adaption Ethernet Interface
RS485	2; RS485 Half-Duplex	2; RS485 Half-Duplex
USB	N/A	N/A
I/O Output	2	2
I/O Input	8-ch Alarm Sensor Input	8-ch Alarm Sensor Input
SD Card	TF Card; Supporting Max. 32GB	TF Card; Supporting Max. 32GB
Power Supply	24 VDC, Power Over Network Cable (DS-KAD606, DS-KAD612)/12 V DC	24 VDC, Power Over Network Cable (DS-KAD606, DS-KAD612)/12 V DC
Power Consumption	≤10 W	≤10 W
Working Temperature	-10° C to +55° C (14° F to 131° F)	-10° C to +55° C (14° F to 131° F)
Dimension (L x W x H)	217 mm × 142 mm × 26 mm	217 mm × 142 mm × 26 mm
Certification	CE, FCC	CE, FCC

Short Description	**Master Station**
Model	DS-KM8301
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Camera	CMOS 0.3MP
Video Compression Standards	H.264
Resolution	640x480
Video Frame	PAL: 25 fps, NTSC: 30 fps
Display Screen	7-Inch Colorful TFT LCD
Display Resolution	1024 × 600
Operation Method	Capacitive Touch Screen, Touch Key, Physical Button
Operation Interface	Flattened UI Operation Interface
Audio Input	Built-in Omnidirectional Microphone + External Handset
Audio Output	Built-in Loudspeaker + External Handset
Audio Compression Standard	G.711 U
Audio Compression Rate	64 Kbps
Ethernet	1 RJ45 10M/100M/1000M Self-Adaptive Ethernet
Wireless Internet	
Network Protocol	TCP/IP, SNMP, SIP, RTSP
Network Access	1 RJ45 10M/100M/1000M Self-Adaption Internet Access
RS485	2 RS485 Half-Duplex Ports
USB	1 USB Interface for Inserting U-Disk
I/O Output	2 On-Off Output, 2 Relay Output
I/O Input	4 On-Off Input
SD Card	N/A
Power Supply	DC 12V
Power Consumption	≤10 W
Working Temperature	-10°C to +55°C (14° F to 131° F)
Dimension (L x W x H)	436 mm × 215 mm × 67 mm
Certification	CE, FCC

DOORBELL

Short Description	**WI-FI Video Doorbell**
Model	DS-KB6403-IP
Processor	High-Performance Embedded SOC Processor
Operation system	Embedded Linux Operation System
Image sensor	CMOS 2MP HD Colorful Camera
Light sensitivity	Low Illumination
Field of view	180°
Video compression standard	H.264
Video streaming	Dual Stream Main Stream: 1080P@30fps, Sub-Stream: VGA@30fps
Resolution	1920 × 1080
Video frame rate	PAL: 25 fps, NTSC: 30 fps
Wide dynamic range	WDR
Motion detection	Yes
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
Light supplement mode	IR Supplement, IR Distance: 5 Meters
Network protocol	TCP/IP, RTSP
Network interface	1 Wireless Interface (Wireless Network Card)
Certification	CE
TF card	Max. 128 G
Power supply	DC 12V
Working temperature	-30° C to +50° C (-22° F to 122° F)
Working humidity	10% to 90%
IP protection level	IP54
Reset button	Yes

	IP DISTRIBUTOR				POWER SUPPLY
Short Description	Video/Audio distributor	Slim Size Video/Audio distributor	Slim Size Video/Audio distributor	Video/Audio distributor	Power Supply for DS-KAD606-N
Model	DS-KAD606	DS-KAD606-N	DS-KAD606-P	DS-KAD612	DS-KAW150-2N
Interface Number		Sixteen 10M/100M Interfaces	Interface type RJ-45	Eight 10/100M Interfaces	
Interface Type		RJ45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive	RJ45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive	RJ45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive	12VDC
Standard		IEEE802.3, IEEE802.3u, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3x	
Processing Type		Storing and Forwarding	Storing and Forwarding	Storing and Forwarding	
Flow Control		IEEE802.3x(Full-Duplex),	IEEE802.3x(Full-Duplex),	IEEE802.3x(Full-Duplex),	
Interface type		Back Pressure(Half-Duplex)	Back Pressure(Half-Duplex)	Back Pressure(Half-Duplex)	
Priority queue		Four	Four	Four	
MAC Address List		8K	8K	8K	
Internal Buffer		1 Mbit	1 Mbit	1 Mbit	
Power Supply		AC 220 V	Power supply 24 VDC (Not Incluided)	AC 220 V	100-240VAC
Voltage Adjustment Range					11-14Vdc
Output Power					50W
Output Current					4.17A
Noise and Ripple					< 150mVpp
Power Dissipation		<6 W	≤8 W	<3 W	
Operating Temperature		-30° C to 70° C	-30° C to 70° C	-30° C to 70° C	-10℃~+70℃
Operating Humidity		5 to 95%, No Condensation	5 to 95%, No Condensation	5 to 95%, No Condensation	5 to 95%, No Condensation
Size		275.2x92x102.2 mm	274.5×142× 51 mm	275.2x92x102.2 mm	98*97*38mm
Weight					0.23kg
Certification		FCC, CE	FCC, CE	FCC, CE	

Short Description	Power Supply for Door Station in Metal Box	Power Supply for Door Station without Box
Model	DS-KAW50-1	DS-KAW50-1N
Interface Number	Interface type RJ-45	
Interface Type	RJ45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive	12VDC
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x	
Processing Type	Storing and Forwarding	
Flow Control	IEEE802.3x(Full-Duplex),	
Interface type	Back Pressure(Half-Duplex)	
Priority queue	Four	
MAC Address List	8K	
Internal Buffer	1 Mbit	
Power Supply	Power supply 24 VDC (Included)	100-240VAC
Voltage Adjustment Range		11-14Vdc
Output Power		50W
Output Current		4.17A
Noise and Ripple		< 150mVpp
Power Dissipation	≤8 W	
Operating Temperature	-30° C to 70° C	-10℃~+70℃
Operating Humidity	5 to 95%, No Condensation	5 to 95%, No Condensation
Size	274.5×142× 51 mm	98*97*38mm
Weight		0.23kg
Certification	FCC, CE	

Access Control
Facial Recognition Terminals

Using dual-lens camera
to grant access

Up to 10,000 faces
Up to 5,000 fingerprints

Common iVMS-4200
for programming

- Facial recognition accuracy rate: > 99%
- Facial recognition duration: (1:N) ≤ 0.6s
- Facial recognition distance: 0.3m ~ 1m

Multiple
verification types

- Facial recognition, fingerprint,
  proximity card, keycode

Available models: DS-K1T605E/EF, DS-K1T605M/MF/MF-B, DS-K1T606M/MF, DS-K1T604M/MF

Access Control
Video Access Control Terminal

Combining access with
intercom functions

Face detection feature
Up to 5,000 fingerprints

**Common iVMS-4200
for programming**

**Multiple
verification type**

- Call point to control room
- 2 MP camera can be integrated into
  the recording devices as IP cameras
- Face detection
- Multiple access options
- QR code and Hik-Connect compatible

Available models: DS-K1T501SF, DS-K1T500S

ACCESS CONTROL

Solutions from cameras to controllers, from alarm relays to IP architecture, from door locks to DVRs, have been meticulously engineered by the largest R&D Development team in the security industry worldwide. Hikvision`s development facilities lead the industry in advancing the technology of every essential piece in an access control system. And we're just getting started. Whether for entrance or exit, you establish complete control with our state-of-the-art technology . We provide features like tamper-proof credential systems, MIFARE and contactless card readers, face recognition system and multiple-input access modes for secure identity confirmation

Benefits include:
• Various access modes
• Deep learning algorithm for face recognition
• Multi-system linkage
• Online and offline modes
• Time and attendance management through free iVMS-4200
• Secure module optional for TCP/IP system structure
• Multiple alarm functional support
• Unified platform control.

	ELLEVATOR CONTROLLER	ACCESS CONTROLLERS
Short Description	Master Elevator Controller	Single-Door Access Controller
Model	DS-K2210	DS-K2601
Processor	32 bit	32-bit
Capacity		16M
Uplink Communication Interface	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface
Downlink Communication Interface	Wiegand interface	RS-485 and Wiegand (w26/w34)
Storage	Cards information:	Cards information:
Card Capability	20.000	100,000 (200,000 expandable)
Record Capability	Access control events: 50,000	Access control events : 300,000 (600,000 expandable)
LED Indicator	Power On: Solid Green Running Properly: Flashing Green Running Exception: Solid Red Serial Port Not Communicating: Off Serial Port Communicating: Solid Green Relay NC: Off Relay NO: Solid Green Network Disconnected: Off Network Cable Connected: Solid Yellow, Flashing Green Network Armed: Solid Yellow, Flashing Green	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes	Yes
Accessible Card Reader1	Up to 2 RS-485 Card Readers or 2 Wiegand Card Readers	2 Card Readers (RS485 Interface)
Accessible Card Reader2		2 Card Readers (Wiegand Interface) Connectable
Input Interface1	1 Panic Button; 1 Fire Alarm Button; 1 Maintenance Button	Alarm Input×4,
Input Interface2		Door Contact×1,
Input Interface3		Exit Button×1,
Input Interface4		Case Input×2, Tamper-proof×1
Output Interface	5 Relay Outputs	Door Switch Relay×1, Alarm Relay×1
Tamper-Proof		
Buzzer		
RTC	Support	
Power Supply	12 VDC±15%	DC 12V/1A
Power Dissipation (with Load)		≤50W
Working Temperature	-20°C to +65°C	'-20°C to +65°C
Working Humidity	0% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Installation Type	DIN Rail Installation	
Dimensions (L×W×H)	167x105x30mm	370x345x90mm
Certification	CE, FCC	CE, FCC

	Double-Door Access Controller	Four-Door Access Controller
Short Description	Double-Door Access Controller	Four-Door Access Controller
Model	DS-K2602	DS-K2604
Processor	32-bit	32-bit
Capacity	16M	16M
Uplink Communication Interface	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface
Downlink Communication Interface	RS-485 and Wiegand (w26/w34)	RS-485 and Wiegand (w26/w34)
Storage	Cards information:	Cards information:
Card Capability	100,000 (200,000 expandable)	100,000 (200,000 expandable)
Record Capability	Access control events : 300,000 (600,000 expandable)	Access control events: 300,000 (600,000 expandable)
LED Indicator	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes	Yes
Accessible Card Reader1	4 Card Readers (RS485 Interface)	8 Card Readers (RS485 Interface)
Accessible Card Reader2	4 Card Readers (Wiegand Interface) Connectable	4 Card Readers (Wiegand Interface) Connectable
Input Interface1	Alarm Input×4,	Alarm Input×4,
Input Interface2	Door Contact×2,	Door Contact×4,
Input Interface3	Exit Button×2,	Exit Button×4,
Input Interface4	Case Input×4, Tamper-proof×1	Case Input×8, Tamper-proof ×1
Output Interface	Door Switch Relay×2, Alarm Relay×2	Door Switch Relay×4, Alarm Relay×4
Tamper-Proof		
Buzzer		
RTC		
Power Supply	DC 12V/1A	DC 12V/1A
Power Dissipation (with Load)	≤100W	≤100W
Working Temperature	'-20°C to +65°C	'-20°C to +65°C
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Installation Type		
Dimensions (L×W×H)	370x345x90mm	370×345×90mm
Certification	CE, FCC	CE, FCC

ELLEVATOR CONTROLLER

Short Description	Distributed Elevator Controller
Model	DS-K2M0016A
Processor	32 bit
Capacity	
Uplink Communication Interface	RS-485x2
Downlink Communication Interface	
Storage	
Card Capability	
Record Capability	
LED Indicator	
Built-in Clock	
Accessible Card Reader1	
Accessible Card Reader2	
Input Interface1	Allarm Input x2
Input Interface2	
Input Interface3	
Input Interface4	
Output Interface	Relay Output x 16
Tamper-Proof	1
Buzzer	1
RTC	
Power Supply	12 VDC±15%
Power Dissipation (with Load)	
Working Temperature	-20°C to +65°C
Working Humidity	0% to 90% (Non-Condensing)
Installation Type	DIN Rail Installation
Dimensions (L×W×H)	167x105x30mm
Certification	CE, FCC

ACCESS CONTROLLERS

Short Description	**Entry Level Single-Door Access Controller**	**Entry Level Double-Door Access Controller**
Model	DS-K2801	DS-K2802
Processor	32-bit	32-bit
Capacity		
Uplink Communication Interface	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface
Downlink Communication Interface	Wiegand interface	Wiegand interface
Storage	Cards information:	Cards information:
Card Capability	10.000	10.000
Record Capability	Access control events: 50,000	Access control events: 50,000
LED Indicator	Power Supply Status, Communication Status, Abnormal Status	Power Supply Status, Communication Status, Abnormal Status
Built-in Clock	Yes	Yes
Accessible Card Reader1		
Accessible Card Reader2	2 Card Readers (Wiegand Interface) Connectable	4 Card Readers (Wiegand Interface) Connectable
Input Interface1		
Input Interface2	Door Contact×1,	Door Contact×2,
Input Interface3	Exit Button×1,	Exit Button×2,
Input Interface4	Case Input×1	Case Input×2
Output Interface	Door Switch Relay×1, Alarm Relay×1	Door Switch Relay×2, Alarm Relay×2
Tamper-Proof		
Buzzer		
RTC		
Power Supply	DC 12V	DC 12V
Power Dissipation (with Load)	≤3.5W (without load)	≤3.5W (without load)
Working Temperature	-20°C to +65°C	-20°C to +65°C
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Installation Type		
Dimensions (L×W×H)	285x237x69mm	285x237x69mm
Certification	CE, FCC	CE, FCC

Short Description	Entry Level Four-Door Access Controller
Model	DS-K2804
Processor	32-bit
Capacity	
Uplink Communication Interface	TCP/IP Network Interface and RS-485 Interface
Downlink Communication Interface	Wiegand interface
Storage	Cards information:
Card Capability	10.000
Record Capability	Access control events: 50,000
LED Indicator	Power Supply Status, Communication Status, Abnormal Status
Built-in Clock	Yes
Accessible Card Reader1	
Accessible Card Reader2	4 Card Readers (Wiegand Interface) Connectable
Input Interface1	
Input Interface2	Door Contact×4,
Input Interface3	Exit Button×4,
Input Interface4	Case Input×4
Output Interface	Door Switch Relay×4, Alarm Relay×4
Tamper-Proof	
Buzzer	
RTC	
Power Supply	DC 12V
Power Dissipation (with Load)	≤3.5W (without load)
Working Temperature	-20°C to +65°C
Working Humidity	10% to 90% (Non-Condensing)
Installation Type	
Dimensions (L×W×H)	285x237x69mm
Certification	CE, FCC

SECURE DOOR CONTROL UNIT

Short Description	Secure Door Control Unit
Model	DS-K2M060
Processor	
Capacity	
Uplink Communication Interface	RS-485
Downlink Communication Interface	
Storage	
Card Capability	
Record Capability	
LED Indicator	7 Indicators (RS-485 Communication Status×2, Power Supply×1, Exit Button×1, Lock Status×1, Door Contact×1 and Running Status×1)
Built-in Clock	
Accessible Card Reader1	
Accessible Card Reader2	
Input Interface1	Exit Button×1
Input Interface2	Door Magnetic×1
Input Interface3	Wiegand×1
Input Interface4	
Output Interface	Lock×1, Alarm Out×1
Tamper-Proof	
Buzzer	
RTC	
Power Supply	DC 12V
Power Dissipation (with Load)	
Working Temperature	-30°C to +55°C (-22°F to 131°F)
Working Humidity	10% to 90% (Non Condensing)
Installation Type	
Dimensions (L×W×H)	48×115×25mm (1.89×4.53×0.98inch)
Certification	CE, FCC

ACCESS TERMINALS

Short Description	IP Video Access Control Terminal	IP Video Access Control Terminal
Model	DS-K1T500S	DS-K1T501SF
Storage	N/A	N/A
Micro SD Card (Additional)	Max. 32G, Built-in Micro SD Card	Max. 32G, Built-in Micro SD Card
Camera	2MP/1080P, IR Light,140° angle, Record on NVR	2MP/1080P, IR Light, Record on NVR
Face Detection	Yes	Yes
Face Recognition Distance		
Face Recognition Accuracy Rate		
1:N Face Recognition Duration		
Valid Cards/ Events	50,000 valid cards, 200,000 events	50,000 valid cards, 200,000 events
Fingerprint Capacity	N/A	3000
Fingerprint Recognition Duration	N/A	≤ 1s
Fingerprint Recognizer	N/A	Optical Fingerprint Recognition Module
Card Reading Mode	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz
Card Reading Distance	≤ 5 cm	≤ 5 cm
External Card Reader	Standard Wiegand26/34 and Hikvision RS-485 reader	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	TCP/IP, RS-485, and Wiegand input/output 26/34 (under card reader mode only)	TCP/IP, RS-485, and Wiegand input/output 26/34 (under card reader mode only)
USB Interface	N/A	N/A
Input Interface	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1
Output Interface	Relay×1, Doorbell×1	Relay×1, Doorbell×1
LCD Screen	N/A	N/A
LED Indicator	Power/Status	Power/Status
Power Supply	12VDC	
Protection Level	IP65	IP65
Working Temperature	-40°C to 60°C	-40°C to 60°C
Certificate	CE, FCC	CE, FCC
Dimension	218mm × 78mm × 41mm	218mm × 78mm × 41mm

Short Description	Standalone Access Control Terminal	Standalone Access Control Terminal
Model	DS-K1T801E	DS-K1T801M
Storage	N/A	N/A
Micro SD Card (Additional)	N/A	N/A
Camera	N/A	N/A
Face Detection	N/A	N/A
Face Recognition Distance		
Face Recognition Accuracy Rate		
1:N Face Recognition Duration		
Valid Cards/ Events	3000 valid cards	3000 valid cards
Fingerprint Capacity	N/A	N/A
Fingerprint Recognition Duration	N/A	N/A
Fingerprint Recognizer	N/A	N/A
Card Reading Mode	EM 125 KHz	Mifare-1 13.56 MHz
Card Reading Distance	≥ 5cm	≥ 5cm
External Card Reader	N/A	N/A
Communication Mode	N/A	N/A
USB Interface	N/A	N/A
Input Interface	Exit Button×1, Door Contact×1, Doorbell Button×1	Exit Button×1, Door Contact×1, Doorbell Button×1
Output Interface	Relay×1, Doorbell×1	Relay×1, Doorbell×1
LCD Screen	N/A	N/A
LED Indicator	Power/ Status	Power/ Status
Power Supply	12V DC	12V DC
Protection Level	N/A	N/A
Working Temperature	-20°C to 65°C	-20°C to 65°C
Certificate	CE, FCC	CE, FCC
Dimension	126.5×94.5×24 mm	126.5×94.5×24 mm

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Short Description	IP Access Control Terminal	IP Access Control Terminal
Model	DS-K1T802E	DS-K1T802M
Storage	N/A	N/A
Micro SD Card (Additional)	N/A	N/A
Camera	N/A	N/A
Face Detection	N/A	N/A
Face Recognition Distance		
Face Recognition Accuracy Rate		
1:N Face Recognition Duration		
Valid Cards/ Events	3000 valid cards, 10,000 events	3000 valid cards, 10,000 events
Fingerprint Capacity	N/A	N/A
Fingerprint Recognition Duration	N/A	N/A
Fingerprint Recognizer	N/A	N/A
Card Reading Mode	EM 125 KHz	Mifare-1 13.56 MHz
Card Reading Distance	≥ 5cm	≥ 5cm
External Card Reader	N/A	N/A
Communication Mode	TCP/IP	TCP/IP
USB Interface	N/A	N/A
Input Interface	Exit Button×1, Door Contact×1, Doorbell Button×1	Exit Button×1, Door Contact×1, Doorbell Button×1
Output Interface	Relay×1, Doorbell×1	Relay×1, Doorbell×1
LCD Screen	STN screen (resolution 128*64)	STN screen (resolution 128*64)
LED Indicator	Communication/ Status	Communication/ Status
Power Supply	12V DC	12V DC
Protection Level	N/A	N/A
Working Temperature	-20°C to 65°C	-20°C to 65°C
Certificate	CE, FCC	CE, FCC
Dimension	126.5×94.5×24 mm	126.5×94.5×24 mm

ACCESS TERMINALS

	IP Fingerprint T&A Terminal	IP Fingerprint T&A Terminal
Short Description	IP Fingerprint T&A Terminal	IP Fingerprint T&A Terminal
Model	DS-K1A802EF	DS-K1A802F
Storage	N/A	N/A
Micro SD Card (Additional)	N/A	N/A
Camera	N/A	N/A
Face Detection	N/A	N/A
Face Recognition Distance		
Face Recognition Accuracy Rate		
1:N Face Recognition Duration		
Valid Cards/ Events	100,000 valid cards, 300,000 events	N/A
Fingerprint Capacity	Up to 3000 Fingerprints	Up to 3000 Fingerprints
Fingerprint Recognition Duration	1:N < 1 s (Max. 3000 Fingerprints)	1:N < 1 s (Max. 3000 Fingerprints)
Fingerprint Recognizer	Optical Fingerprint Recognizer Module	Optical Fingerprint Recognizer Module
Card Reading Mode	EM 125 KHz	N/A
Card Reading Distance	≥5 cm	N/A
External Card Reader	N/A	N/A
Communication Mode	TCP/IP, Wi-Fi	TCP/IP, Wi-Fi
USB Interface	USB2.0	USB2.0
Input Interface	N/A	N/A
Output Interface	N/A	N/A
LCD Screen	2.8-inch 320 x 240 LCD-TFT Display Screen	2.8-inch 320 x 240 LCD-TFT Display Screen
LED Indicator	Power/Status (Red/Green)	Power/Status (Red/Green)
Power Supply	12VDC	12VDC
Protection Level	N/A	N/A
Working Temperature	-10° C to 55° C	-10° C to 55° C
Certificate	CE, FCC	CE, FCC
Dimension	140x155x30 mm	140x155x30 mm

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	IP Fingerprint T&A Terminal	IP Access Control Terminal
Short Description	IP Fingerprint T&A Terminal	IP Access Control Terminal
Model	DS-K1A802MF	DS-K1T105E
Storage	N/A	256M Storage,
Micro SD Card (Additional)	N/A	Max.32G, Built-in Micro SD Card
Camera	N/A	N/A
Face Detection	N/A	Yes
Face Recognition Distance		
Face Recognition Accuracy Rate		
1:N Face Recognition Duration		
Valid Cards/ Events	100,000 valid cards, 300,000 events	100,000 valid cards, 300,000 events
Fingerprint Capacity	Up to 3000 Fingerprints	N/A
Fingerprint Recognition Duration	1:N < 1 s (Max. 3000 Fingerprints)	N/A
Fingerprint Recognizer	Optical Fingerprint Recognizer Module	N/A
Card Reading Mode	Mifare-1 13.56 MHz	EM 125 KHz
Card Reading Distance	≥5 cm	≥5 cm
External Card Reader	N/A	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	TCP/IP, Wi-Fi	TCP/IP, WIFI, RS-485, and Wiegand input/output 26/34 (under card reader mode only)
USB Interface	USB2.0	USB2.0
Input Interface	N/A	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1
Output Interface	N/A	Relay×1, Doorbell×1
LCD Screen	2.8-inch 320 x 240 LCD-TFT Display Screen	320×240 LCD-TFT Display Screen
LED Indicator	Power/Status (Red/Green)	Power/ Communication
Power Supply	12VDC	12VDC
Protection Level	N/A	N/A
Working Temperature	-10° C to 55° C	-20°C to 65°C
Certificate	CE, FCC	CE, FCC
Dimension	140x155x30 mm	122×82×23mm

Short Description	IP Access Control Terminal	IP Access Control Terminal
Model	DS-K1T105E-C	DS-K1T105M
Storage	256M Storage,	256M Storage,
Micro SD Card (Additional)	Max.32G, Built-in Micro SD Card	Max.32G, Built-in Micro SD Card
Camera	2 MP	N/A
Face Detection	Yes	Yes
Face Recognition Distance		
Face Recognition Accuracy Rate		
1:N Face Recognition Duration		
Valid Cards/ Events	100,000 valid cards, 300,000 events	100,000 valid cards, 300,000 events
Fingerprint Capacity	N/A	N/A
Fingerprint Recognition Duration	N/A	N/A
Fingerprint Recognizer	N/A	N/A
Card Reading Mode	EM 125 KHz	Mifare-1 13.56 MHz
Card Reading Distance	≥5 cm	≥5 cm
External Card Reader	Standard Wiegand26/34 and Hikvision RS-485 reader	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	TCP/IP, WIFI, RS-485, and Wiegand input/output 26/34 (under card reader mode only)	TCP/IP, WIFI, RS-485, and Wiegand input/output 26/34 (under card reader mode only)
USB Interface	USB2.0	USB2.0
Input Interface	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1
Output Interface	Relay×1, Doorbell×1	Relay×1, Doorbell×1
LCD Screen	320×240 LCD-TFT Display Screen	320×240 LCD-TFT Display Screen
LED Indicator	Power/ Communication	Power/ Communication
Power Supply	12VDC	12VDC
Protection Level	N/A	N/A
Working Temperature	-20℃ to 65℃	-20℃ to 65℃
Certificate	CE, FCC	CE, FCC
Dimension	122×82×23mm	122×82×23mm

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	IP Access Control Terminal	IP Fingerprint Access Control Terminal
Short Description	IP Access Control Terminal	IP Fingerprint Access Control Terminal
Model	DS-K1T105M-C	DS-K1T201EF
Storage	256M Storage,	256M Storage
Micro SD Card (Additional)	Max.32G, Built-in Micro SD Card	Max.32G, Built-in Micro SD Card
Camera	2 MP	N/A
Face Detection	Yes	Yes
Face Recognition Distance		
Face Recognition Accuracy Rate		
1:N Face Recognition Duration		
Valid Cards/ Events	100,000 valid cards, 300,000 events	100,000 valid cards, 300,000 events
Fingerprint Capacity	N/A	Max. 4750 Users (Two Local Collected Fingerprint Templates for Each, Person, 9500 Fingerprints in Total)
Fingerprint Recognition Duration	N/A	1:1≤1s, 1:1000≤1s
Fingerprint Recognizer	N/A	Optical Fingerprint Recognizer Module
Card Reading Mode	Mifare-1 13.56 MHz	EM 125 KHz
Card Reading Distance	≥5 cm	≤ 5 cm
External Card Reader	Standard Wiegand26/34 and Hikvision RS-485 reader	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	TCP/IP, WIFI, RS-485, and Wiegand input/output 26/34 (under card reader mode only)	TCP/IP, WIFI, RS-485, and Wiegand input/output 26/34 (under card reader mode only)
USB Interface	USB2.0	USB2.0
Input Interface	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1
Output Interface	Relay×1, Doorbell×1	Relay×1, Doorbell×1
LCD Screen	320×240 LCD-TFT Display Screen	320×240 LCD-TFT Display Screen
LED Indicator	Power/ Communication	Power/ Communication
Power Supply	12VDC	12VDC
Protection Level	N/A	N/A
Working Temperature	-20°C to 65°C	-20°C to 65°C
Certificate	CE, FCC	CE, FCC
Dimension	122×82×23mm	122×142×27mm

Short Description	IP Fingerprint Access Control Terminal	IP Fingerprint Access Control Terminal
Model	DS-K1T201EF-C	DS-K1T201MF
Storage	256M Storage	256M Storage
Micro SD Card (Additional)	Max.32G, Built-in Micro SD Card	Max.32G, Built-in Micro SD Card
Camera	2 MP	N/A
Face Detection	Yes	Yes
Face Recognition Distance		
Face Recognition Accuracy Rate		
1:N Face Recognition Duration		
Valid Cards/ Events	100,000 valid cards, 300,000 events	100,000 valid cards, 300,000 events
Fingerprint Capacity	Max. 4750 Users (Two Local Collected Fingerprint Templates for Each, Person, 9500 Fingerprints in Total)	Max. 4750 Users (Two Local Collected Fingerprint Templates for Each, Person, 9500 Fingerprints in Total)
Fingerprint Recognition Duration	1:1≤1s, 1:1000≤1s	1:1≤1s, 1:1000≤1s
Fingerprint Recognizer	Optical Fingerprint Recognizer Module	Optical Fingerprint Recognizer Module
Card Reading Mode	EM 125 KHz	Mifare-1 13.56 MHz
Card Reading Distance	≤ 5 cm	≤ 5 cm
External Card Reader	Standard Wiegand26/34 and Hikvision RS-485 reader	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	TCP/IP, WIFI, RS-485, and Wiegand input/output 26/34 (under card reader mode only)	TCP/IP, WIFI, RS-485, and Wiegand input/output 26/34 (under card reader mode only)
USB Interface	USB2.0	USB2.0
Input Interface	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1
Output Interface	Relay×1, Doorbell×1	Relay×1, Doorbell×1
LCD Screen	320×240 LCD-TFT Display Screen	320×240 LCD-TFT Display Screen
LED Indicator	Power/ Communication	Power/ Communication
Power Supply	12VDC	12VDC
Protection Level	N/A	N/A
Working Temperature	-20°C to 65°C	-20°C to 65°C
Certificate	CE, FCC	CE, FCC
Dimension	122×142×27mm	122×142×27mm

Short Description	IP Fingerprint Access Control Terminal	Face Recognition Terminal
Model	DS-K1T201MF-C	DS-K1T604M
Storage	256M Storage	Yes
Micro SD Card (Additional)	Max.32G, Built-in Micro SD Card	USB
Camera	2 MP	2 MP Dual-Lens Camera; 1080p; Auto-Focus;
Face Detection	Yes	
Face Recognition Distance		0.3 m to 1 m
Face Recognition Accuracy Rate		≥ 99%
1:N Face Recognition Duration		≤ 0.5s/Person
Valid Cards/ Events	100,000 valid cards, 300,000 events	50,000 valid cards, 50,000 events
Fingerprint Capacity	Max. 4750 Users (Two Local Collected Fingerprint Templates for Each, Person, 9500 Fingerprints in Total)	N/A
Fingerprint Recognition Duration	1:1≤1s, 1:1000≤1s	10,000; JPG and JPEG Format
Fingerprint Recognizer	Optical Fingerprint Recognizer Module	Optical Fingerprint Recognizer Module
Card Reading Mode	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz
Card Reading Distance	≤ 5 cm	≥ 5cm
External Card Reader	Standard Wiegand26/34 and Hikvision RS-485 reader	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	TCP/IP, WIFI, RS-485, and Wiegand input/output 26/34 (under card reader mode only)	10/100/1000 Mbps Self-Adaptive Network Interface
USB Interface	USB2.0	USB 2.0
Input Interface	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1	RS-485 × 1, Wiegand × 1, USB × 1, Lock × 1, Door Magnetic Sensor × 1, Alarm Input × 2, Alarm Output × 1, Tamper × 1, Exit Button × 1
Output Interface	Relay×1, Doorbell×1	Lock × 1, Alarm Output × 1
LCD Screen	320×240 LCD-TFT Display Screen	7-inch LCD Touch Screen; Resolution: 1280 × 600, 16:9
LED Indicator	Power/ Communication	Communication/ Status
Power Supply	12VDC	12 VDC
Protection Level	N/A	Indoor; Outdoor
Working Temperature	-20℃ to 65℃	-20℃ to +65℃
Certificate	CE, FCC	CE, FCC
Dimension	122×142×27mm	330 mm × 140 mm × 45 mm

Short Description	Face Recognition Terminal	Face Recognition Terminal
Model	DS-K1T604MF	DS-K1T605E
Storage	Yes	Yes
Micro SD Card (Additional)	USB	USB
Camera	2 MP Dual-Lens Camera; 1080p; Auto-Focus;	0.3 MP ; Live Face Detection Function
Face Detection		2000
Face Recognition Distance	0.3 m to 1 m	0.3 m to 1 m
Face Recognition Accuracy Rate	≥ 99%	≥ 99%
1:N Face Recognition Duration	≤ 0.5s/Person	≤0.5 s/Person
Valid Cards/ Events	50,000 valid cards, 50,000 events	5000 valid cards, 100,000 events
Fingerprint Capacity	5000	N/A
Fingerprint Recognition Duration	10,000; JPG and JPEG Format	N/A
Fingerprint Recognizer	Optical Fingerprint Recognizer Module	N/A
Card Reading Mode	Mifare-1 13.56 MHz	EM 125 KHz
Card Reading Distance	≥ 5cm	≥ 5cm
External Card Reader	Standard Wiegand26/34 and Hikvision RS-485 reader	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	10/100/1000 Mbps Self-Adaptive Network Interface	TCP/IP; Wi-Fi; EHome Protocol; RS-485; Wiegand 26/34
USB Interface	USB 2.0	USB 2.0
Input Interface	RS-485 × 1, Wiegand × 1, USB × 1, Lock × 1, Door Magnetic Sensor × 1, Alarm Input × 2, Alarm Output × 1, Tamper × 1, Exit Button × 1	Alarm Input × 2, USB 2.0 × 1, Door Magnetic Sensor × 1, Exit Button × 1
Output Interface	Lock × 1, Alarm Output × 1	Doorbell × 1, Lock × 1, Alarm Output × 1
LCD Screen	7-inch LCD Touch Screen; Resolution: 1280 × 600, 16:9	5-inch LCD Touch Screen; Resolution: 800 × 480
LED Indicator	Communication/ Status	Communication/ Status
Power Supply	12 VDC	12 VDC
Protection Level	Indoor; Outdoor	Indoor
Working Temperature	-20°C to +65°C	-40°C to 60°C
Certificate	CE, FCC	CE, FCC
Dimension	330 mm × 140 mm × 45 mm	190mm × 157mm × 98mm

Short Description	Face Recognition Terminal	Face Recognition Terminal
Model	DS-K1T605EF	DS-K1T605M
Storage	Yes	Yes
Micro SD Card (Additional)	USB	USB
Camera	0.3 MP ; Live Face Detection Function	0.3 MP ; Live Face Detection Function
Face Detection	2000	2000
Face Recognition Distance	0.3 m to 1 m	0.3 m to 1 m
Face Recognition Accuracy Rate	≥ 99%	≥ 99%
1:N Face Recognition Duration	≤0.5 s/Person	≤0.5 s/Person
Valid Cards/ Events	5000 valid cards, 100,000 events	5000 valid cards, 100,000 events
Fingerprint Capacity	5000	N/A
Fingerprint Recognition Duration	1:N Recognition Duration (Up to 5000 fingerprints) < 1s	N/A
Fingerprint Recognizer	Optical Fingerprint Recognizer Module	N/A
Card Reading Mode	EM 125 KHz	Mifare-1 13.56 MHz
Card Reading Distance	≥ 5cm	≥ 5cm
External Card Reader	Standard Wiegand26/34 and Hikvision RS-485 reader	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	TCP/IP; Wi-Fi; EHome Protocol; RS-485; Wiegand 26/36	TCP/IP; Wi-Fi; EHome Protocol; RS-485; Wiegand 26/35
USB Interface	USB 2.0	USB 2.0
Input Interface	Alarm Input × 2, USB 2.0 × 1, Door Magnetic Sensor × 1, Exit Button × 3	Alarm Input × 2, USB 2.0 × 1, Door Magnetic Sensor × 1, Exit Button × 2
Output Interface	Doorbell × 1, Lock × 1, Alarm Output × 3	Doorbell × 1, Lock × 1, Alarm Output × 2
LCD Screen	5-inch LCD Touch Screen; Resolution: 800 × 480	5-inch LCD Touch Screen; Resolution: 800 × 480
LED Indicator	Communication/ Status	Communication/ Status
Power Supply	12 VDC	12 VDC
Protection Level	Indoor	Indoor
Working Temperature	-40°C to 60°C	-40°C to 60°C
Certificate	CE, FCC	CE, FCC
Dimension	190mm × 157mm × 98mm	190mm × 157mm × 98mm

Short Description	Face Recognition Terminal	Face Recognition Terminal
Model	DS-K1T605MF	DS-K1T605MF-B
Storage	Yes	Yes
Micro SD Card (Additional)	USB	USB
Camera	0.3 MP ; Live Face Detection Function	0.3 MP ; Live Face Detection Function
Face Detection	2000	2000
Face Recognition Distance	0.3 m to 1 m	0.3 m to 1 m
Face Recognition Accuracy Rate	≥ 99%	≥ 99%
1:N Face Recognition Duration	≤0.5 s/Person	≤0.5 s/Person
Valid Cards/ Events	5000 valid cards, 100,000 events	5000 valid cards, 100,000 events
Fingerprint Capacity	5000	5000
Fingerprint Recognition Duration	1:N Recognition Duration (Up to 5000 fingerprints) < 1s	1:N Recognition Duration (Up to 5000 fingerprints) < 1s
Fingerprint Recognizer	Optical Fingerprint Recognizer Module	Optical Fingerprint Recognizer Module
Card Reading Mode	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz
Card Reading Distance	≥ 5cm	≥ 5cm
External Card Reader	Standard Wiegand26/34 and Hikvision RS-485 reader	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	TCP/IP; Wi-Fi; EHome Protocol; RS-485; Wiegand 26/37	TCP/IP; Wi-Fi; EHome Protocol; RS-485; Wiegand 26/37
USB Interface	USB 2.0	USB 2.0
Input Interface	Alarm Input × 2, USB 2.0 × 1, Door Magnetic Sensor × 1, Exit Button × 4	Alarm Input × 2, USB 2.0 × 1, Door Magnetic Sensor × 1, Exit Button × 4
Output Interface	Doorbell × 1, Lock × 1, Alarm Output × 4	Doorbell × 1, Lock × 1, Alarm Output × 4
LCD Screen	5-inch LCD Touch Screen; Resolution: 800 × 480	5-inch LCD Touch Screen; Resolution: 800 × 480
LED Indicator	Communication/ Status	Communication/ Status
Power Supply	12 VDC	12 VDC
Protection Level	Indoor	Indoor
Working Temperature	-40°C to 60°C	-40°C to 60°C
Certificate	CE, FCC	CE, FCC
Dimension	190mm × 157mm × 98mm	190mm × 157mm × 98mm

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Short Description	Face Recognition Terminal	Face Recognition Terminal
Model	DS-K1T606M	DS-K1T606MF
Storage	Yes	Yes
Micro SD Card (Additional)	USB	USB
Camera	2 MP; WDR; Wide-Angle Lens	2 MP; WDR; Wide-Angle Lens
Face Detection	3000	3000
Face Recognition Distance	0.3 m to 1 m	0.3 m to 1 m
Face Recognition Accuracy Rate	≥ 99%	≥ 99%
1:N Face Recognition Duration	≤ 1s/Person	≤ 1s/Person
Valid Cards/ Events	5000 valid cards, 100,000 events	5000 valid cards, 100,000 events
Fingerprint Capacity	N/A	5000
Fingerprint Recognition Duration	1:N Recognition Duration (Up to 5000 fingerprints) < 1s	1:N Recognition Duration (Up to 5000 fingerprints) < 1s
Fingerprint Recognizer	N/A	Optical Fingerprint Recognizer Module
Card Reading Mode	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz
Card Reading Distance	≥ 5cm	≥ 5cm
External Card Reader	Standard Wiegand26/34 and Hikvision RS-485 reader	Standard Wiegand26/34 and Hikvision RS-485 reader
Communication Mode	10/100 Mbps Self-Adaptive Network Interface; Wi-Fi	10/100 Mbps Self-Adaptive Network Interface; Wi-Fi
USB Interface	USB 2.0	USB 2.0
Input Interface	RS-485 × 1, Wiegand × 1, USB × 1, Lock × 1, Door Bell × 1, Exit Button × 1, Tamper × 1, Alarm Input × 2, Alarm Output × 1. Door Lock × 1	RS-485 × 1, Wiegand × 1, USB × 1, Lock × 1, Door Bell × 1, Exit Button × 1, Tamper × 1, Alarm Input × 2, Alarm Output × 1. Door Lock × 1
Output Interface	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1
LCD Screen	5-inch LCD Touch Screen; Resolution: 800 × 480	5-inch LCD Touch Screen; Resolution: 800 × 480
LED Indicator	Communication/ Status	Communication/ Status
Power Supply	12 VDC	12 VDC
Protection Level	Indoor; Outdoor	Indoor; Outdoor
Working Temperature	-20°C to 50°C	-20°C to 50°C
Certificate	CE, FCC	CE, FCC
Dimension	281.5 mm × 113 mm × 45 mm	281.5 mm × 113 mm × 45 mm

Short Description	IP Fingerprint Access Control Terminal	IP Fingerprint Access Control Terminal
Model	DS-K1T804EF	DS-K1T804F
Storage	N/A	N/A
Micro SD Card (Additional)	N/A	N/A
Camera	N/A	N/A
Face Detection	N/A	N/A
Face Recognition Distance		
Face Recognition Accuracy Rate		
1:N Face Recognition Duration		
Valid Cards/ Events	100,000 valid cards, 300,000 events	N/A
Fingerprint Capacity	Up to 3000 Fingerprints	Up to 3000 Fingerprints
Fingerprint Recognition Duration	1:N Recognition Duration (Up to 3000 fingerprints) < 1s	1:N Recognition Duration (Up to 3000 fingerprints) < 1s
Fingerprint Recognizer	Optical Fingerprint Recognizer Module	Optical Fingerprint Recognizer Module
Card Reading Mode	EM 125 KHz	N/A
Card Reading Distance	≥5 cm	N/A
External Card Reader	Standard Wiegand 26/34 reader	Standard Wiegand 26/34 reader
Communication Mode	TCP/IP, Wi-Fi, RS-485 (For Secure Door Control Unit), Wiegand input/output (W26/34)	TCP/IP, Wi-Fi, RS-485 (For Secure Door Control Unit), Wiegand input/output (W26/34)
USB Interface	USB 2.0	USB 2.0
Input Interface	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1
Output Interface	Relay×1 Alarm×1, Doorbell×1	Relay×1 Alarm×1, Doorbell×1
LCD Screen	2.4-inch (320×240 LCD-TFT Display Screen)	2.4-inch (320×240 LCD-TFT Display Screen)
LED Indicator	Power/Status (Red/Green), Key Back Light(White)	Power/Status (Red/Green), Key Back Light(White)
Power Supply	DC 12V	DC 12V
Protection Level	IP42	IP42
Working Temperature	-10° C to 55° C	-10° C to 55° C
Certificate	CE, FCC	CE, FCC
Dimension	205×76.5×37 mm	205×76.5×37 mm

Short Description	IP Fingerprint Access Control Terminal
Model	DS-K1T804MF
Storage	N/A
Micro SD Card (Additional)	N/A
Camera	N/A
Face Detection	N/A
Face Recognition Distance	
Face Recognition Accuracy Rate	
1:N Face Recognition Duration	
Valid Cards/ Events	100,000 valid cards, 300,000 events
Fingerprint Capacity	Up to 3000 Fingerprints
Fingerprint Recognition Duration	1:N Recognition Duration (Up to 3000 fingerprints) < 1s
Fingerprint Recognizer	Optical Fingerprint Recognizer Module
Card Reading Mode	Mifare-1 13.56 MHz
Card Reading Distance	≥5 cm
External Card Reader	Standard Wiegand 26/34 reader
Communication Mode	TCP/IP, Wi-Fi, RS-485 (For Secure Door Control Unit), Wiegand input/output (W26/34)
USB Interface	USB 2.0
Input Interface	Exit Button×1, Door Contact×1, Alarm×2, Doorbell Button×1
Output Interface	Relay×1 Alarm×1, Doorbell×1
LCD Screen	2.4-inch (320×240 LCD-TFT Display Screen)
LED Indicator	Power/Status (Red/Green), Key Back Light(White)
Power Supply	DC 12V
Protection Level	IP42
Working Temperature	-10° C to 55° C
Certificate	CE, FCC
Dimension	205×76.5×37 mm

PROXIMITY CARD READERS

Short Description	Card Reader	Card Reader	Card Reader
Model	DS-K1101M	DS-K1101MK	DS-K1102E
Card Reading Frequency			
Sensing Distance			
Card Type			
Material			
Color			
Function			
Fingerprint Scanner			
Authentication Speed			
Protocol			
Power Supply	12V DC	12V DC	12V DC
Power Consumption	≤500mA	≤500mA	≤500mA
Processor	32-bit	32-bit	32-bit
Radio Frequency Standard	N/A	N/A	N/A
Reading Frequency	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz	EM 125KHz
Reading Range	30 to 50mm	30 to 50mm	30 to 50mm
ID Settings	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board
Communication Interface	RS-485/Wiegand (W26/W34 protocol)	RS-485/Wiegand (W26/W34 protocol)	RS-485/Wiegand (W26/W34 protocol)
Audio Alert	Buzzer	Buzzer	Buzzer
Keypad	N/A	Keypad with 12 Keys (0 to 9, *, #)	N/A
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Tamper-Proof	Tampering Alarm	Tampering Alarm	Tampering Alarm
Working Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP 64	IP 64	IP 64
Dimensions	132.0×92.3×20.5mm	132.0×92.3×20.5mm	121×86.5×14mm
Mounting Method	Applied for 120 Gang Box Only	Applied for 120 Gang Box Only	Applied for 86 & 120 Gang Box
Certifications	FCC, CE	FCC, CE	FCC, CE

	Card Reader	Card Reader	Card Reader
Short Description	Card Reader	Card Reader	Card Reader
Model	DS-K1102EK	DS-K1102M	DS-K1102MK
Card Reading Frequency			
Sensing Distance			
Card Type			
Material			
Color			
Function			
Fingerprint Scanner			
Authentication Speed			
Protocol			
Power Supply	12V DC	12V DC	12V DC
Power Consumption	≤500mA	≤500mA	≤500mA
Processor	32-bit	32-bit	32-bit
Radio Frequency Standard	N/A	N/A	N/A
Reading Frequency	EM 125KHz	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz
Reading Range	30 to 50mm	30 to 50mm	30 to 50mm
ID Settings	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board
Communication Interface	RS-485/Wiegand (W26/W34 protocol)	RS-485/Wiegand (W26/W34 protocol)	RS-485/Wiegand (W26/W34 protocol)
Audio Alert	Buzzer	Buzzer	Buzzer
Keypad	Keypad with 12 Keys (0 to 9, *, #)	N/A	Keypad with 12 Keys (0 to 9, *, #)
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Tamper-Proof	Tampering Alarm	Tampering Alarm	Tampering Alarm
Working Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP 64	IP 64	IP 64
Dimensions	121×86.5×14mm	121×86.5×14mm	121×86.5×14mm
Mounting Method	Applied for 86 & 120 Gang Box	Applied for 86 & 120 Gang Box	Applied for 86 & 120 Gang Box
Certifications	FCC, CE	FCC, CE	FCC, CE

	Card Reader	Card Reader	Vandal-proof Card Reader
Short Description	Card Reader	Card Reader	Vandal-proof Card Reader
Model	DS-K1103M	DS-K1103MK	DS-K1104M
Card Reading Frequency			
Sensing Distance			
Card Type			
Material			
Color			
Function			
Fingerprint Scanner			
Authentication Speed			
Protocol			
Power Supply	12V DC	12V DC	12V DC
Power Consumption	≤500mA	≤500mA	≤500mA
Processor	32-bit	32-bit	32-bit
Radio Frequency Standard	N/A	N/A	N/A
Reading Frequency	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz
Reading Range	30 to 50mm	30 to 50mm	30 to 50mm
ID Settings	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board
Communication Interface	RS-485/Wiegand (W26/W34 protocol)	RS-485/Wiegand (W26/W34 protocol)	RS-485/Wiegand (W26/W34 protocol)
Audio Alert	Buzzer	Buzzer	Buzzer
Keypad	N/A	Keypad with 12 Keys (0 to 9, *, #)	N/A
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Tamper-Proof	Tampering Alarm	Tampering Alarm	Tampering Alarm
Working Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP 64	IP 64	IP 65 / IK10 Zinc-Alloy
Dimensions	129×76×14.7mm	129×76×14.7mm	118×76×23mm
Mounting Method	Only applied for120 Gang Box	Only applied for120 Gang Box	Applied for 86 & 120 Gang Box
Certifications	FCC, CE	FCC, CE	FCC, CE

Short Description	Vandal-proof Card Reader	Card Reader for elevator	Card Reader
Model	DS-K1104MK	DS-K1106M	DS-K1108E
Card Reading Frequency			
Sensing Distance			
Card Type			
Material			
Color			
Function			
Fingerprint Scanner			
Authentication Speed			
Protocol			
Power Supply	12V DC	12V DC	DC 12V
Power Consumption	≤500mA	≤2W	≤2W
Processor	32-bit	32-bit	32bit
Radio Frequency Standard	N/A	ISO 14443-A	ISO 14443-A
Reading Frequency	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz	EM 125KHz
Reading Range	30 to 50mm	≥50mm	30 to 80mm
ID Settings	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board
Communication Interface	RS-485/Wiegand (W26/W34 protocol)	RS-485 / Wiegand (DIP Switch)	RS485/Wiegand (Set via DIP Switch)
Audio Alert	Buzzer	Buzzer	Buzzer
Keypad	Keypad with 12 Keys (0 to 9, *, #)	N/A	N/A
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Tamper-Proof	Tampering Alarm	Tampering Alarm	Tampering Alarm
Working Temperature	-40°C to +70°C	-20°C to +65°C	-20°C to +65°C
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10%~90% (No Condensing)
Protection Level	IP 65 / IK10 Zinc-Alloy	Indoor	IP65
Dimensions	118×76×23mm		123x88x21mm
Mounting Method	Applied for 86 & 120 Gang Box	Wall mounting with Gang Box	Wall Mounting with/without Gang Box
Certifications	FCC, CE	FCC, CE	FCC, CE

Short Description	Card Reader	Card Reader	Card Reader
Model	DS-K1108EK	DS-K1108M	DS-K1108MK
Card Reading Frequency			
Sensing Distance			
Card Type			
Material			
Color			
Function			
Fingerprint Scanner			
Authentication Speed			
Protocol			
Power Supply	DC 12V	DC 12V	DC 12V
Power Consumption	≤2W	≤2W	≤2W
Processor	32bit	32bit	32bit
Radio Frequency Standard	ISO 14443-A	ISO 14443-A	ISO 14443-A
Reading Frequency	EM 125KHz	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz
Reading Range	30 to 80mm	30 to 80mm	30 to 80mm
ID Settings	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board
Communication Interface	RS485/Wiegand (Set via DIP Switch)	RS485/Wiegand (Set via DIP Switch)	RS485/Wiegand (Set via DIP Switch)
Audio Alert	Buzzer	Buzzer	Buzzer
Keypad	Keypad with 12 Keys (0 to 9, *, #)	N/A	Keypad with 12 Keys (0 to 9, *, #)
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Tamper-Proof	Tampering Alarm	Tampering Alarm	Tampering Alarm
Working Temperature	-20°C to +65°C	-20°C to +65°C	-20°C to +65°C
Working Humidity	10%~90% (No Condensing)	10%~90% (No Condensing)	10%~90% (No Condensing)
Protection Level	IP65	IP65	IP65
Dimensions	123x88x21mm	123x88x21mm	123x88x21mm
Mounting Method	Wall Mounting with/without Gang Box	Wall Mounting with/without Gang Box	Wall Mounting with/without Gang Box
Certifications	FCC, CE	FCC, CE	FCC, CE

ENROLMENT STATIONS

	Card Enrollment Station	Card Enrollment Station	Fingerprint Enrollment Station
Short Description	Card Enrollment Station	Card Enrollment Station	Fingerprint Enrollment Station
Model	DS-K1F100-D8E	DS-K1F180-D8E	DS-K1F800-F
Card Reading Frequency	13.56MHz and 125KHz	13.56MHz and 125KHz	
Sensing Distance			
Card Type	Standard IC Card, CPU Card, and ID (EM) Card	Standard IC Card, CPU Card, and ID (EM) Card	
Material			
Color			
Function			
Fingerprint Scanner			Optical module
Authentication Speed			<= 1 Second
Protocol	ISO 14443 Type A/B Standard and ISO 7816 Standard	ISO 14443 Type A/B Standard and ISO 7816 Standard	
Power Supply			
Power Consumption	200mA	200mA	
Processor			
Radio Frequency Standard			
Reading Frequency			
Reading Range			
ID Settings			
Communication Interface	USB 2.0; Driver Free	USB 2.0; Driver Free	USB 2.0
Audio Alert			
Keypad			
LED Indicator	LED Indicator: Indicates Power and the Communication Status	LED Indicator: Indicates Power and the Communication Status	
Tamper-Proof			
Working Temperature	-20°C to 65°C	-20°C to 65°C	-10°C to +55°C (14°F to 131°F)
Working Humidity			20% to 80% (Non-Condensing)
Protection Level			
Dimensions	117x67.5×14.3 mm	117x67.5×14.3 mm	80×104×144mm
Mounting Method			
Certifications			

Short Description	Fingerprint Enrollment Station
Model	DS-K1F820-F
Card Reading Frequency	
Sensing Distance	
Card Type	
Material	
Color	
Function	
Fingerprint Scanner	Optical, Red backlight
Authentication Speed	<= 1 Second
Protocol	
Power Supply	
Power Consumption	
Processor	
Radio Frequency Standard	
Reading Frequency	
Reading Range	
ID Settings	
Communication Interface	USB 2.0
Audio Alert	
Keypad	
LED Indicator	
Tamper-Proof	
Working Temperature	-30°C to +70°C
Working Humidity	20% to 80% (Non-Condensing)
Protection Level	
Dimensions	
Mounting Method	
Certifications	

PROXIMITY CARD READERS

Short Description	Card Reader	Card Reader	Card Reader
Model	DS-K1107E	DS-K1107EK	DS-K1107M
Card Reading Frequency			
Sensing Distance			
Card Type			
Material			
Color			
Function			
Fingerprint Scanner			
Authentication Speed			
Protocol			
Power Supply	12V DC	12V DC	12V DC
Power Consumption	≤2W	≤2W	≤2W
Processor	32-bit	32-bit	32-bit
Radio Frequency Standard	ISO 14443-A	ISO 14443-A	ISO 14443-A
Reading Frequency	EM 125KHz	EM 125KHz	Mifare-1 13.65 MHz
Reading Range	≥50mm	≥50mm	≥50mm
ID Settings	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board	Via DIP Switch on the Main Board
Communication Interface	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)
Audio Alert	Buzzer	Buzzer	Buzzer
Keypad	N/A	Keypad with 12 Keys (0 to 9, *, #)	N/A
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Tamper-Proof	Tampering Alarm	Tampering Alarm	Tampering Alarm
Working Temperature	-20°C to +65°C	-20°C to +65°C	-20°C to +65°C
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP65	IP65	IP65
Dimensions	115×44×22mm	115×44×22mm	85.6x86.5x14mm
Mounting Method	Wall mounting with screws. The Gang Box is not supported.	Wall mounting with screws. The Gang Box is not supported.	Wall mounting with screws. The Gang Box is not supported.
Certifications	FCC, CE	FCC, CE	FCC, CE

	Card Reader	EM RFID Card	Mifare 1 RFID Card
Short Description	Card Reader	EM RFID Card	Mifare 1 RFID Card
Model	DS-K1107MK	DS-KEM125	IC S50
Card Reading Frequency		125KHz +/- 6KHz	13.56 MHz
Sensing Distance		15cm	15cm
Card Type		EM-4100	MIFARE RF Interface (ISO/IEC 14443 A)
Material		PVC , Thin card	PVC , Thin card
Color		White	White
Function		Read	Read
Fingerprint Scanner			
Authentication Speed			
Protocol			
Power Supply	12V DC		
Power Consumption	≤2W		
Processor	32-bit	64 bit	High security EPROM
Radio Frequency Standard	ISO 14443-A		
Reading Frequency	Mifare-1 13.65 MHz		
Reading Range	≥50mm		
ID Settings	Via DIP Switch on the Main Board		
Communication Interface	RS-485 / Wiegand (DIP Switch)		
Audio Alert	Buzzer		
Keypad	Keypad with 12 Keys (0 to 9, *, #)		
LED Indicator	Power Indicator; Status LED Indicator		
Tamper-Proof	Tampering Alarm		
Working Temperature	-20°C to +65°C	-20 ▯ -- ＋ 75 ▯	-20 ▯ -- ＋ 75 ▯
Working Humidity	10% to 90% (Non Condensing)		
Protection Level	IP65		
Dimensions	115×44×22mm	85.5mm × 54mm × 0.8mm	85.5mm × 54mm × 0.8mm
Mounting Method	Wall mounting with screws. The Gang Box is not supported.		
Certifications	FCC, CE		

Short Description	**Dual Frequency RFID Card**
Model	S50+TK4100
Card Reading Frequency	125KHZ + 13.65 KHz
Sensing Distance	15cm
Card Type	EM-4100
Material	PVC , Thin card
Color	White
Function	Read
Fingerprint Scanner	
Authentication Speed	
Protocol	
Power Supply	
Power Consumption	
Processor	High security EPROM
Radio Frequency Standard	
Reading Frequency	
Reading Range	
ID Settings	
Communication Interface	
Audio Alert	
Keypad	
LED Indicator	
Tamper-Proof	
Working Temperature	-20 ▯ -- ＋ 75 ▯
Working Humidity	
Protection Level	
Dimensions	85.5mm × 54mm × 0.8mm
Mounting Method	
Certifications	

PROXIMITY CARD READERS

Short Description	Economic Card Reader	Economic Card Reader	Economic Card Reader
Model	DS-K1801E	DS-K1801EK	DS-K1801M
Card Reading Frequency			
Sensing Distance			
Card Type			
Material			
Color			
Function			
Fingerprint Scanner			
Authentication Speed			
Protocol			
Power Supply	12V DC		
Power Consumption	E ≤1W / EK ≤1.5W		
Processor	8-bit		
Radio Frequency Standard	N/A		
Reading Frequency	EM 125KHz	EM 125KHz	Mifare-1 13.56 MHz
Reading Range	30~50mm		
ID Settings	N/A	N/A	N/A
Communication Interface	Wiegand (W26/W34 protocol)	Wiegand (W26/W34 protocol)	Wiegand (W26/W34 protocol)
Audio Alert	Buzzer	Buzzer	Buzzer
Keypad	N/A	Keypad with 12 Keys (0 to 9, *, #)	N/A
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Tamper-Proof	N/A	N/A	N/A
Working Temperature	-30°C to +65°C	-30°C to +65°C	-30°C to +65°C
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP 65 Standard	IP 65 Standard	IP 65 Standard
Dimensions	87×87×13.3mm	87×87×13.3mm	87×87×13.3mm
Mounting Method	Wall mounting with screws. The Gang Box is not supported.	Wall mounting with screws. The Gang Box is not supported.	Wall mounting with screws. The Gang Box is not supported.
Certifications	FCC, CE	FCC, CE	FCC, CE

Short Description	Economic Card Reader	Economic Card Reader	Economic Card Reader
Model	DS-K1801MK	DS-K1802E	DS-K1802EK
Card Reading Frequency			
Sensing Distance			
Card Type			
Material			
Color			
Function			
Fingerprint Scanner			
Authentication Speed			
Protocol			
Power Supply		12V DC	
Power Consumption		≤2W	
Processor		8-bit	
Radio Frequency Standard		ISO 11784/11785	ISO 11784/11785
Reading Frequency	Mifare-1 13.56 MHz	EM 125KHz	EM 125KHz
Reading Range		≤50mm	
ID Settings	N/A	N/A	N/A
Communication Interface	Wiegand (W26/W34 protocol)	Wiegand (W26/W34 protocol)	Wiegand (W26/W34 protocol)
Audio Alert	Buzzer	Buzzer	Buzzer
Keypad	Keypad with 12 Keys (0 to 9, *, #)	N/A	Keypad with 12 Keys (0 to 9, *, #)
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator
Tamper-Proof	N/A	N/A	N/A
Working Temperature	-30°C to +65°C	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP 65 Standard	IP65	IP65
Dimensions	87×87×13.3mm	115.9×43.3×17mm	115.9×43.3×17mm
Mounting Method	Wall mounting with screws. The Gang Box is not supported.	Wall mounting with screws. The Gang Box is not supported.	Wall mounting with screws. The Gang Box is not supported.
Certifications	FCC, CE	FCC, CE	FCC, CE

	Economic Card Reader	Economic Card Reader
Short Description	Economic Card Reader	Economic Card Reader
Model	DS-K1802M	DS-K1802MK
Card Reading Frequency		
Sensing Distance		
Card Type		
Material		
Color		
Function		
Fingerprint Scanner		
Authentication Speed		
Protocol		
Power Supply		
Power Consumption		
Processor		
Radio Frequency Standard	ISO 14443-A	ISO 14443-A
Reading Frequency	Mifare-1 13.56 MHz	Mifare-1 13.56 MHz
Reading Range		
ID Settings	N/A	N/A
Communication Interface	Wiegand (W26/W34 protocol)	Wiegand (W26/W34 protocol)
Audio Alert	Buzzer	Buzzer
Keypad	N/A	Keypad with 12 Keys (0 to 9, *, #)
LED Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator
Tamper-Proof	N/A	N/A
Working Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP65	IP65
Dimensions	115.9×43.3×17mm	115.9×43.3×17mm
Mounting Method	Wall mounting with screws. The Gang Box is not supported.	Wall mounting with screws. The Gang Box is not supported.
Certifications	FCC, CE	FCC, CE

EXIT BUTTONS

Short Description	Exit button	Touch-less Exit button	Exit button with bottom case	Emergency Break Glass
Model	DS-K7P01	DS-K7P03	DS-K7P06	DS-K7PEB
Dimension	86×86×28.9mm	86×86×25.7mm	87.7×87.7×44mm	86x86x50mm
Suitable Door	All kinds of narrow doorframes	All kinds of narrow doorframes	All kinds of doors	Exit door, emergency door
Shell Performance	Aluminum alloy panel, metal button	Aluminum panel	Polished zinc alloy with chromium electroplating	Fireproof material, sandblast finished
Weight	0.25kg	0.15kg	0.23kg	0.2kg
Operating Temperature	-10℃ to +55℃	-20℃ to 55`C;	-10℃ to +55℃	-10℃ to +55℃
Operating Humidity	0% to 95%	0% to 95%	0% to 95%	0% to 95%

EXIT BUTTONS

Short Description	Exit button	Touch-less Exit button	Exit button with bottom case
Model	DS-K7P02	DS-K7P04	DS-K7P05
Dimension	90×35×28.9mm	90×35×37.7mm	86×50×44mm
Suitable Door	All kinds of narrow doorframes	All kinds of narrow doorframes	All kinds of doors
Shell Performance	Aluminum alloy panel, metal button	Aluminum panel	Polished zinc alloy with chromium electroplating
Weight	0.2kg	0.12kg	0.14kg
Operating Temperature	-10℃ to +55℃	-20℃ to 55`C;	-10℃ to +55℃
Operating Humidity	0% to 95%	0% to 95%	0% to 95%

	PRO LOCKS	LOCK BRACKETS	PRO LOCKS	LOCK BRACKETS	
Short Description	Double-door Magnetic Lock	LZ-Bracket for Magnetic Lock	Single-door Magnetic Lock	U-bracket of Electric Bolt	U-bracket of Electric Bolt
Model	DS-K4H250D	DS-K4H250-LZ	DS-K4H250S	DS-K4T100-U1	DS-K4T100-U2
L-bracket Dimension (L×W×H)		250×47×28.5mm (9.84×1.85×1.12")		50x30x30mm	205×58×46mm (8.07×2.28×1.81")
Z-bracket Dimension (L×W×H)		180×50×50mm (7.09×1.97×1.97")		N/A	N/A
Dimension of Lock Body (L×W×H)	480×49×25.5mm		240×49×25.5mm		
Dimension of Armature Plate (L×W×H)	180×38×11mm		180×38×11mm		
Unlock Method	Current Interruption		Current Interruption		
Shell Performance		Aluminum Dural		Aluminum Dural	Aluminum Dural
Maximum Thrust	300kg×2 Linear Thrust		300kg Linear Thrust		
Input Voltage	12VDC /24VDC		DC12V/DC24V		
Working Current	12V/500mA×2 24V/250mA×2		12V/500mA 24V/250mA		
Signal Output	Dry Contact NO/NC Signal Output, Support Maximum Power Rate of 3A		Dry Contact NO/NC Signal Output, Support Maximum Power Rate of 3A		
LED Indicator	Red (Door is Unlocked) Green (Door is Locked)		Red (Door is Unlocked) Green (Door is Locked)		
Suitable Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	In-swing doors	Wooden Door, Glass Door, Metal Door, Fireproof Door	Fully frameless glass door	Fully frameless glass door
Delay Duration					
Magnetic Induction Distance					
Secure					
Surface Temperature	≤ Ambient Temperature +20°C (68°F)		≤ Ambient Temperature +20°C (68°F)		
Working Temperature	-10°C~+55°C		-10°C~+55°C		
Working Humidity	0 to 95% (Relative Humidity)		0 to 95% (Relative Humidity)		
Shell	Hard Anodizing Electroplating Operated		Hard Anodizing Electroplating Operated		
Lock Body	Eco-friendly Zinc Electroplating Operated		Eco-friendly Zinc with Electroplating Operated		
Armature Plate	Eco-friendly Zinc Electroplating Operated		Eco-friendly Zinc with Electroplating Operated		
Lifetime					
Weight	4.2kg	0.75kg	2.1kg	0.27kg	1.3kg

PRO LOCKS

Short Description	**Electric Bolt**
Model	DS-K4T100
L-bracket Dimension (L×W×H)	
Z-bracket Dimension (L×W×H)	
Dimension of Lock Body (L×W×H)	205×35×40mm (8.07×1.38×1.57")
Dimension of Armature Plate (L×W×H)	
Unlock Method	90×25×2mm (3.54×0.98×0.07")
Shell Performance	
Maximum Thrust	
Input Voltage	16mm×16mm (0.63×0.63")
Working Current	Polished and Brushed Stainless Steel, Support Thrust of 800kg
Signal Output	12VDC+10%
LED Indicator	
Suitable Door	Wooden Door, Glass Door, Metal Door, Fireproof Door
Delay Duration	0/3/6/9s Optional
Magnetic Induction Distance	8mm
Secure	Power Off for Unlocking
Surface Temperature	
Working Temperature	-10°C to +55°C
Working Humidity	0 to 95% (Relative Humidity)
Shell	
Lock Body	
Armature Plate	
Lifetime	500,000 Times of Locking Operation
Weight	0.7 kg

2018 EU NON-CCTV CATALOGUE

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