

## Specifications

<b>Model</b>		<b>DS-KD8102-V</b>
<b>System parameters</b>	<b>Processor</b>	High-Performance Embedded SOC Processor
	<b>Operation system</b>	Embedded Linux Operation System
<b>Video parameters</b>	<b>Camera</b>	CMOS Low Illumination 1.3 MP HD Colorful Camera
	<b>Video compression standard</b>	H.264
	<b>Resolution</b>	1280 × 720
	<b>Video frame rate</b>	PAL: 25 fps, NTSC: 30 fps
<b>Display parameters</b>	<b>Display screen</b>	3.5-Inch Colorful TFT LCD
	<b>Display resolution</b>	480 × 320
	<b>Operation method</b>	Capacitive Touch Keypad
	<b>Operation interface</b>	LCD Display, Easy Menu
<b>Audio parameters</b>	<b>Audio input</b>	Built-in Omnidirectional Microphone
	<b>Audio output</b>	Built-in Loudspeaker
	<b>Audio compression standard</b>	G.711 U
	<b>Audio compression rate</b>	64 Kbps
	<b>Audio quality</b>	Noise Suppression and Echo Cancellation
<b>Access control parameters</b>	<b>Internal card reader</b>	Built-in IC Card Reader
	<b>External card reader</b>	Wiegand 26, Wiegand 34, or RS-485 IC Reader
	<b>Door magnetic detection</b>	Detects Door Magnetic Status
<b>IR human detection</b>	<b>Approaching detection</b>	Supporting IR Detection, Vertical Distance: from 60 cm to 80 cm
<b>Light supplement</b>	<b>Light supplement mode</b>	Visible Light Supplement
<b>Network parameters</b>	<b>Ethernet</b>	10/100/1000 Mbps Self-Adaptive Ethernet
	<b>Network protocol</b>	TCP/IP, RTSP
<b>Alarm parameters</b>	<b>Alarm input</b>	Door Magnetic Alarm, Tampering Alarm
<b>Device interfaces</b>	<b>Network interface</b>	1 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface
	<b>RS-485</b>	1 RS-485 Half-Duplex Port
	<b>I/O input</b>	8
	<b>I/O output</b>	4
	<b>Wiegand</b>	1 Wiegand Port for Accessing Wiegand IC Card Reader
	<b>USB</b>	1 USB 2.0, Supporting U-Disk
<b>General</b>	<b>Material</b>	Plastic
	<b>Power supply</b>	12 VDC
	<b>Power consumption</b>	≤15 W
	<b>Working temperature</b>	-40° C to +60° C (-40° F to 140° F)
	<b>Working humidity</b>	10% to 90%
	<b>IP protection level</b>	IP65
	<b>Dimensions (L × W × H)</b>	418 mm × 145 mm × 61 mm (16.5" × 5.7" × 2.4")
<b>Certification</b>	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE	