

DS-KB8112-IM	
System Parameters	
Processor	High-performance embedded SOC processor
Operation System	Embedded Linux operation system
Camera Parameters	
Image Sensor	1/3" progressive scan CMOS, color, day/night
Light Sensitivity	Low illumination
Lens	Pinhole, f/3.47 mm, f/2.5
Field of View	80° (horizontal), 44° (vertical)
Field of View Adjustment	-50° to 50°
Video Parameters	
Video Compression Standard	H.264
Video Streaming	Dual stream
Resolution	Main stream: 1280 × 720 Sub-stream: 640 × 480
Video Frame Rate	PAL: 25 fps, NTSC: 30 fps
Video Bit Rate	Main stream: 32 Kbps to 4096 Kbps Sub-stream: 32 Kbps to 2048 Kbps
Anti-flicker Frequency	50 Hz, 60 Hz
Wide Dynamic Range	Digital WDR, auto-switch, day/on, night/off
Image Settings	Color, brightness, contrast, sharpness, saturation, video standard, OSD display
Audio Parameters	
Audio Streaming	Two-way, full duplex
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	
Light Supplement Mode	IR supplement, IR range: 16 ft (5 m)
Wavelength	940 nm
Control	Auto on/off, time on/off
Network Parameters	
Ethernet	10/100 Mbps self-adaptive Ethernet
Network Protocol	RTSP, RTP, ONVIF, ISAPI, NTP, HTTP, HTTPS, DHCP, FTP, SMTP
Network Connection Mode	DHCP, static IP address
Door-Unlocked Duration	1 s to 255 s
Alarm Parameters	
Alarm Input	Door magnetic alarm
Device Interfaces	
Network Interface	1 RJ-45 10/100 Mbps self-adaptive Ethernet interface
I/O Input	1
I/O Output	1 relay output
Event Actions	
Event	Motion detection, picture capturing, call button pressing
File Uploading	FTP
Email Notification	Login succeeded via software or Web
General	
Material	Wall mounting shield: zinc alloy Front panel: zinc alloy Rear panel: aluminum alloy Wall mounting plate: secc
Impact Protection	IK9
Ingress Protection Level	IP66
Certifications	CE, FCC, UL 60950-1
Power Supply	PoE (Power over Ethernet) 12 VDC
Power Consumption	Maximum 12 W
Working Temperature	-22° to 122° F (-30° to +50° C)
Working Humidity	10% to 90%
Video Management Software	Video management software from Hikvision (included). For more information, see http://www.hikvision.com/us/Tools_84.html
Dimensions (L × W × H)	6.37" × 2.92" × 2.09" (161.9 mm × 74.1 mm × 53.2 mm)
Weight	1.70 lb (773 g)
Included Accessories	Quick start guide, CD with user manual and software, wall mounting plate, wall mounting shield, screw package, screw driver