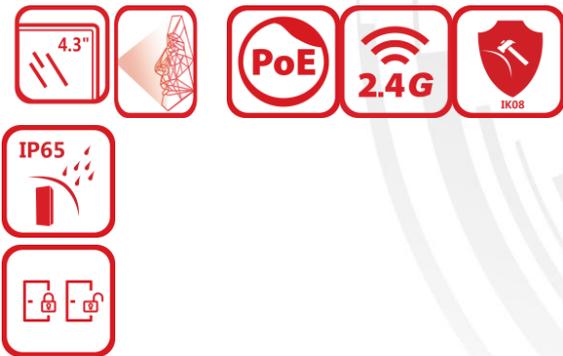# DS-KV9503-WBE1
Video Intercom Facial Recognition Door Station

The KV9 series IP facial recognition villa door station, with a 4.3-inch high resolution touch screen, brings you a more fluent and fit operation. It supports multiple authentication modes, such as face, QR code, card, and buttons, satisfying different environments and helping to use access permissions. The villa door station is powered by the standard PoE, and is no need to wire extra power supply, which is easy for installation and deployment. With high protective level, it is suitable for high-end villa, office, high-end apartment, etc.

- Modern industrial design
- 4.3-inch colorful LCD screen with 800 × 480 resolution
- One-touch Physical Button For easier calls
- Standard PoE power supply
- IK08 & IP65 higher protection level
- User- friendly interaction
- Optional face recognition function for privacy concerns
- Customized advertising interface
- Various application scenarios: Villa & Apartment & Office
- Multiple authentication methods: Face, Pin Code, Card, QR Code, Bluetooth (Reserved)
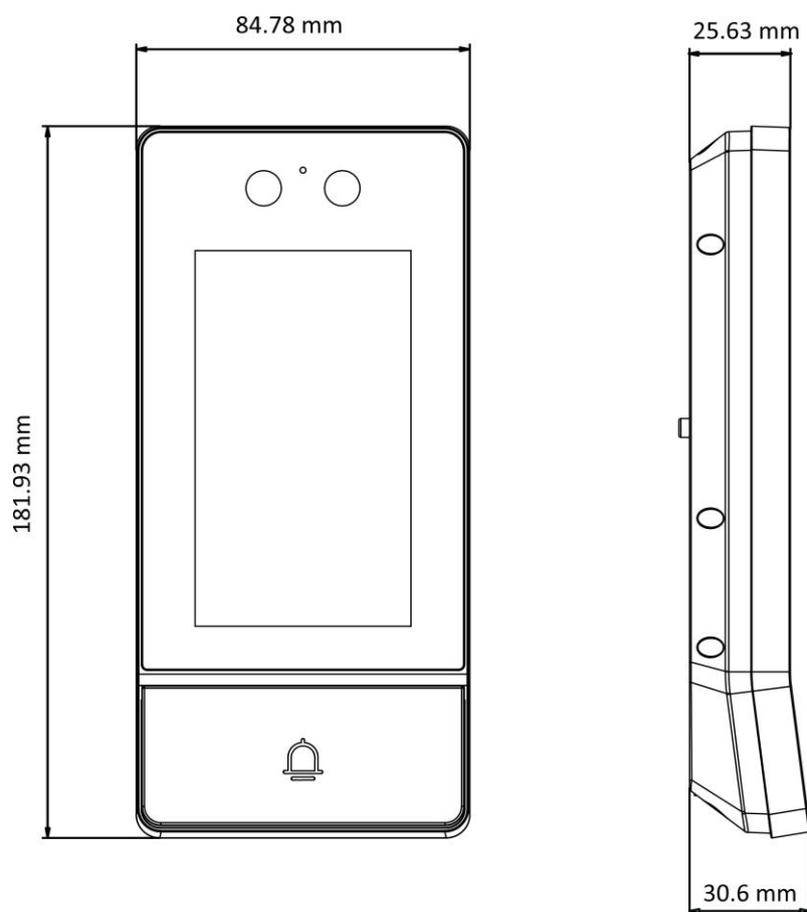
▪ Specification

System parameters	
Operation system	Linux
ROM	4 GB
RAM	1 GB
Processor	Embeded high performance processor
Display parameters	
Screen size	4.3-inch
Operation method	Capacitive touch screen
Type	IPS
Resolution	800 × 480
Brightness	425 cd/m²
Video parameters	
Lens	2
Resolution	2 × 2 MP
FOV	Horizontal: 88°, Vertical: 44°
Wide dynamic range (WDR)	Support 120 dB
Supplement light	IR light, up to 3 m
Video compression standard	Main stream and sub stream: H.264 Third stream: H.265
Audio parameters	
Audio input	1 built-in omnidirectional microphone
Audio compression standard	G.711 U, G.711 A
Audio output	1 built-in loudspeaker
Audio compression bitrate	64 Kbps
Audio quality	Noise suppression and echo cancellation
Volume adjustment	Adjustable
Capacity	
User capacity	20000
Face capacity	10000
Fingerprint capacity	/
Card capacity	100000
Message capacity	/
Linked indoor station capacity	500
Sub door station capacity	16
Network parameters	
Network protocol	TCP/IP, RTSP
Wi-Fi	IEEE802.11b, IEEE802.11g, IEEE802.11n
Bluetooth	Reserved
3G/4G	/
Authentication	
Card reading frequency	13.56 MHz
Face recognition distance	0.3 to 2 m
Face recognition accuracy rate	≥ 99%

Face recognition duration	< 0.2 s per person
Device interfaces	
Alarm input	4 (2 exit butttons and 2 door contacts by default)
Network interface	1 RJ-45, 10/100 Mbps self-adaptive
TAMPER	1
Exit button	2
RS-485	1
USB	/
Wiegand	/
TF card	Reserved
Lock control	2 relays, Max. 30 VDC 2 A, lock 2 needs secure module
Door contact input	2
General	
Button	1 physical button
Installation	Surface mounting
Indicator	/
Weight	Net weight: 0.405 kg Gross weight: 0.752 kg
Protective level	IP65, IK08
Working temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Working humidity	10% to 90% (no-condensing)
Dimension (W × H × D)	182 mm × 85 mm × 26 mm (7.16" × 3.34" × 1.01")
Battery	/
Power supply	12 VDC, 1.5 A,IEEE802.3af, Standard PoE
Application environment	Outdoor
Power consumption	≤ 6 W
Language	English,French,BrazilianPortuguese,Spanish,Russian,German,Italian,Polish,Turkish,Vietnamese,Arabic,Czech,Hungarian,Dutch,Romanian,Bulgarian,Ukrainian,Croatian,Serbian,Greek

▪ **Available Model**

DS-KV9503-WBE1

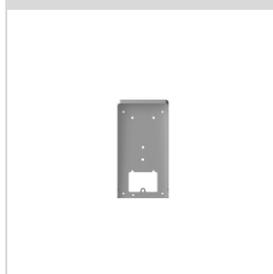**▪Dimension**

84.78 mm

181.93 mm

25.63 mm

30.6 mm

▪ Accessory

▪Optional

DS-KABV9503-RS
Protective shield

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