KV9 Villa Door Station V2.3.5_build221230 Release Note (2023-01-05)

Firmware Basic Information

Firmware	Firmware Version	V2.3.5_build221230		
Basic				
Information	Device Type	DS-KV9503-WBE1		

Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements.

Modified Features

1. Fix known device security vulnerability issues.

KV9 Villa Door Station V2.3.5_build221031 Release Note

(2022-11-05)

Firmware Basic Information

Firmware	Firmware Version	V2.3.5_build221031
Basic		
Information	Device Type	DS-KV9503-WBE1

Reason of Upgrade

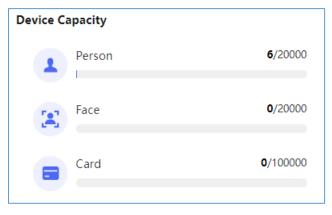
New model DS-KV9503-WBE1 villa door station first time released.





New Features

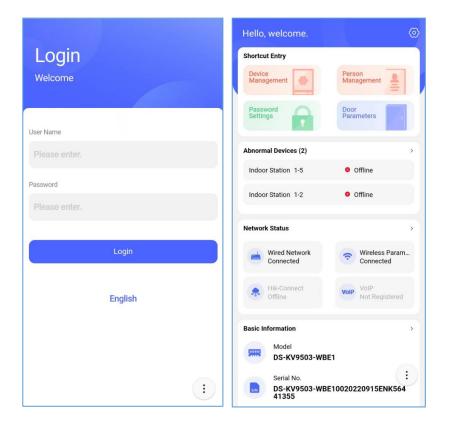
- 1. 4.3 inch colorful IPS touch screen, 2 MP wide-angle dual-lens HD camera with WDR feature;
- 2. Higher protection level, IP65 & IK08
- 3. Multiple authentication methods: card, face, PIN code and QR code, (only support QR code generated from HikCentral visitor module)
- 4. Internal Mifare card reader, 1 physical button to call Indoor station/Center
- 5. Standard PoE or 12 VDC power supply
- 6. Up to 20,000 contacts, 20,000 faces, 100,000 card can be added to the device



7. Brand new web5.0 interface

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	HIKVISIO N			4		
	Welcome			1	110	
	English 🗸		85	0		
	R User Name					
	Password	لي Forgot password?		0		
/	Login When using the product, please resp	ect the privacy and other rights of	others.		U	
	©2022 Hikvision Digital Technology	Co., Ltd. All Rights Reserved.				

8. If device and mobile phone are in same network, you can login device mobile web from browser. Note: Not support deleting face picture in mobile web interface, you can only add or modify.



9. Support internal SADP function, you can search devices in same network, select device and add to door station directly.

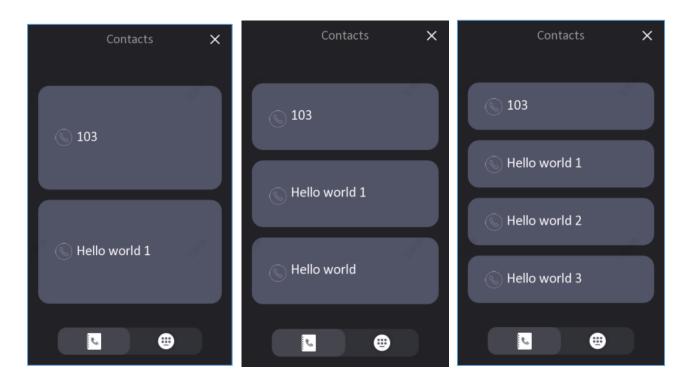
Note: You can't see the devices which has same ip address as the villa door station

Device Mar	nagement										
Q Search Onl	line Device + Add 📼	Elmport 🕀 Export 🗐 D	elete 🕴 📩 Device Upg	grade 🛛 Upgrade Status	Synchronization S	Settings 🗘 Refresh					
□ No. ‡	Device Type ‡	IP	Serial No.	Model	Current Version	Fl ‡ Roo	C Related No.	No. : Arming Statu	IS User Name	Network Upgrade	Status Operation
1	Indoor Station	10.7.70.2	Q05109841			1 5			admin	😵 Offline /	∠ 8
2	Indoor Station	10.7.68.15	Q09488684			1 2	-		admin	S Offline /	∠ 0
Total: 2 20 /P										< 1 >	1 / 1Page
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Online Device:	9 Activated (9) ~ +	IP	Serial No.	Model ÷		Current Version	Activation Status	Port	User Name	MAC	∀ × t Startup Time
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Online Device: No. 1 2	P Activated (9) ~ + Device Type Door Station	IP 10.9.96.113 10.9.96.183	K46899926 D07561034	DS-KD8003-IME DS-KD8003-IME	10120190407RRD	V2.2.58build 220929 V2.2.56build 220713	Activated Activated	8000	admin admin	MAC bc-9b-5e-1d-ef-10 98-8b-0a-82-2c-82	
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Online Device S No. 1 2 3 4 5	Image: Activated (9) Image: Activated (9) Device Type Door Station Door Station Indoor Station Indoor Station Indoor Station	IP 10.9.96.113 10.9.96.183 10.9.96.105 10.9.96.37 10.9.96.71	K46899926 D07561034 K62853091 Q01754989 Q12390458	DS-KD8003-IME DS-KD8003-IME DS-KD8003Y-IM DS-KH6320-TE1 DS-KH6320-WTI DS-KH6320EY-V DS-KH6320EY-V	E2012020926RR E20120220926RR I0120200303WRQ0 DE10120220401W	V2.2.58build 220929 V2.2.56build 220713 V2.2.58build 221020 V2.2.2build 221129 V2.1.42build 220615	Activated Activated Activated Activated Activated Activated	8000 8000 8000 8000 8000 8000	admin admin admin admin admin admin	MAC bc-9b-5e-1d-ef-10 98-8b-0a-82-2c-82 bc-9b-5e-28-17-bf 98-df-82-87-b3-25 ac-b9-2f-e6-a0-a1	▼ × t Startup Time 2022-12-28 11.06.0 2022-12-28 09.19.0 2022-12-28 09.19.0 2022-12-28 14.24.5 2022-12-28 14.24.5

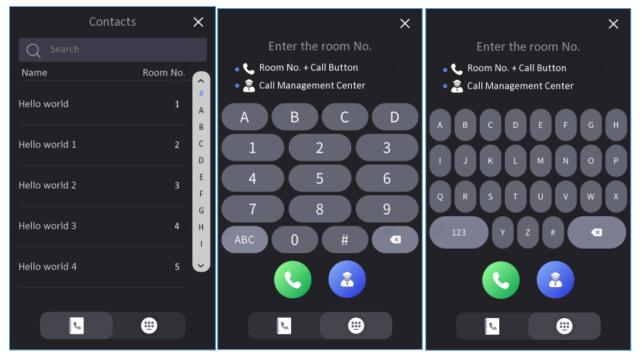
10. Support contact function

Note: The device will have different UI interface display depending on the number of indoor units added.1) If added indoor station quantity is less than 4 (include 4), the user will show as nametag.





2) If added indoor station quantity is more than 5 (include 5), the user will show as contact list. Or you can also switch to keypad mode to input room number manually.



11. Support linking indoor station to room number with letters, then you can dial the linked room number in keypad mode.



510N											Edit Device
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				_							IPv4 Subnet Mask*
Qs	earch Online D	Device + Add	🔚 Import	L ⇒ Export		1 1 0	Device Upgr	ade 🛛 Upgrade	Status 1 Syn	chronization S	Setting 255.255.255.0
	No. ‡	Device T 💲	IP	Serial No.	M	С	Fl \$	Roo \$	Related No.	No. ‡	A IPv4 Default Gateway*
	1	Indoor Station	10.7.70.2	Q05109841			1	5			10.7.70.254
	2	Indoor Station	10.7.68	Q09488684			1	2			Port*
											8000
											Device No.
											Floor No.*
											1
											Room No.*
											5
											Related No.
											A5
											Save Cancel
Total	2 20 /Page										

- 12. Support Bluetooth function which allows you to open door from mobile phone APP (this function will be available in future firmware and APP version)
- 13. Support 3rd stream with H.265 decoding format while the main and sub stream are still H.264 format

HIKVI.	SION								
<u>j</u>	Local	Video	Audio						
Overview	System						1		
Q Person	Network		Stream Type	Main Stream	Sub-stream	Third Stream	J		
Management	Network Settings		Video Type	Video Stream	 Video&Auc 	lio			
Device	Network Service		Resolution	1280*720P					~
Management	Network Service		Bit Rate Type	Variable	Constant				
٥	Device Access		Video Quality	Medium					~
Configuration	Video/Audio		Frame Rate	25 fps					~
Naintenance	Image		*Max. Bitrate	2048				Kb	ps
and Security	Event		Video Encoding	H.265					
	Access Control		*I Frame Interval				[50 ($\hat{\mathbf{v}}$
	Intercom								
	mercom			Save					
	Card Settings								

14. Wi-Fi module has 2 modes, Wi-Fi mode or AP mode. You can change it from web interface Note: if you enable hotspot mode, the Wi-Fi will disconnect.



HIKVI	SION										st Li ① admin∨
চা	Local		TCP/IP WIFi De	evice Hotspot	t						
(Diverview)	System	~									
8	Network	^									
Person Management E Device Management	Network Settings				+ Manual Add						
Device	Network Service				No. SS		Working Mode Manage	Security Mode	Signal Strength	Connection Status	Operation
Management	Device Access						Manage	WPA2-personal	Strong	Disconnected	Connect
Configuration	Video/Audio					100	Manage	WPA2-personal	Strong	O Disconnected	Connect
Configuration							Manage	WPA2-personal	Strong	Ø Disconnected	Connect
Maintenance and Security	Image				5 НА		Manage	WPA2-personal	Strong	Oisconnected	Connect
	Event	~									
	Access Control		WLAN								
	Intercom			DHCP							
	Card Settings		Device IPv4	Address	192.168.36.164						
	Smart		Device IPv4 Sub	net Mask							
	Preference		Device IPv4 Default	Gateway							
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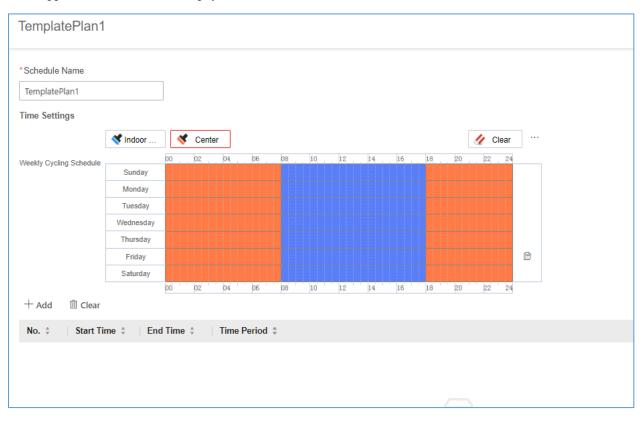
15. Support 2 modes for main interface (live view mode or custom mode), if you select custom mode, it will not display when you verify with face.



16. Enable or disable QR/Face verification and Call Center short cut key function from web or local menu.

						< Local Se	ttings
HIKVI	510N					Language	English >
ē	Local	Authentication Settings	Door Parameters	Elevator Control Parameters	RS-48	Number Configuration	×
Overview	System ^						· ·
Person	System Settings		Door No. 1 2			Mode Selection	Live View >
anagement	User Management		*Door Name Door1				
ē	osci munugomoni	O	pen Duration 2			Enable Face Auth.	
Device anagement	Network 🗸 🗸		elay Reverse Open	• Disable			
	Video/Audio	Enable Q	R Code Auth			Open Door via QR Code	
onfiguration	Image		le Face Auth			Call Management Center	
ব	Event 🗸						
aintenance nd Security	Access Control		Save			Brightness	>
	Intercom						
	Card Settings						

17. Support call schedule for the physical call button





							Modify	×
Device No.	Video Intercom Network	Call Settings	Press Button to Call	Number Settings			Button Settings*	
							5	
	nked device for calling.						Link Call Schedule	
থ্যি Call Schedule	Settings						TemplatePlan1	~
No. \$			Belonged Module 💲		Button Settings	Link Call Schedule		
01			Main Unit		5	TemplatePlan1	Save	

<u>Notice</u>

We strongly recommend updating the door stations to latest baseline firmware

Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action. For any questions and request for this firmware, please contact our local technical support team.

Note:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain errors known as errata, which may cause the product to

deviate from published specifications. Current characterized errata are available on request.

- Hikvision is not liable for any typing or printing errors.

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