

Video Doorbell

TECHNICAL DATA SHEET | Ref: 2024 003 | Mar 2024

Dahua

Dahua Video Doorbell

Firmware Version 4.7







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Example of the physical layout of fw v4.7



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						Use	d Set	up							
Ņ	Configtool	1	6 0	evice(s) for	ind	0						Search Se	đng	₹.	- ×
•	Modity IP	-	a alco	Batch	Modify IF	Import	Export	Manual Add	Delete			Be	arch		Q
	Device Upgrade	0	NO.	Status	Type	Model	IP:P MA	: Version		Opera	be				
⊗	Online Upgrade	0	1	Initialized	VTH VTH	VTH2421F-P VTH2421F-P	192. e4	V4.700.0000	000.1.R	Edit Edit	Details Details				
0	Device Config	0	3	Initialized	VTH	VTH2421F-P	192. e4	V4.700.0000	000.1.R	Eat	Details				
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۵	Password Reset		6	Initialized	VTO	DHI-VT04202F-P-S2	192., b4.	V4.600.0000	000.0 R	Edt	Details	Web			
Б	Building Config														
88	CGI Protocol														
		,	'ou ha	ve selecti	ed 0 d	evice(s)	Ininitialized	e ant	balized			PV4	(P)	6	

What products and firmware are used.

Outdoor station:

DHI-VTO4202F-P-S2 Firmware : V4.600.000000.0.R

The VTO has the 5 button module (VTO-4202F-MB5) connected for multiple indoor monitors.

Indoor monitor:

DHI-VTH2421F-P Firmware : V4.700.000000.1.R



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Programming local

How to program the outdoor station.

WEB SERVICE2.0	☆ Local Setting	Household Setting	() Network	Search Log	English -
	Device Properties				
Video & Audio	Device Type Small Apartment Device Name	•	Centre Call No. 888888		
Access Control	No. 8001				
System	Group Call 💽 Warning:The device will call enable status.				
Security					
Onvif User				Save	Refresh Default
Update	Facade Layout				
Upload File	·				
Legal Info					
	Ð				
				Confirm	Refresh

1. LOCAL SETTINGS

Set the Device type to "Small Apartment" and click "SAVE". Then add in the "façade Layout" the right submodule. In this case it's only the 5 button extension.

2. NETWORK

Check if the "SIP SERVER" is ENABLED, This option makes the outdoor station the sip server.

WEB SERVICE2.0	¢	Local Setting	Be Household Setting	Network	Search Log	English -
Basic	SIP Server	Enable				
UPnP	Server Type	ντο				
SIP Server	IP Addr.					
Convell	Port					
rirewaii	Username					
	Password					
	SIP Domain					
	SIP Server Username					
	SIP Server Password					
					Save Refresh	Default



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VEB SERVICE2.0	亞Local Setting	≣ Househol	d Setting	() Network	Search Log	English ~
VTO No. Management	VTH Management					
	Room No.	First Name	Last Name	Nick Name	Register Type	Modify
VTS Settings	101				public	×
IPC Setting	102				public	× ×
	103				public	/×
Status	104				public	× ×
Announcement 🗸	105				public	× ×
Personnel Management						
Γ	Add Refresh Clear	•				ie ≪ 1/1 ≽ ⊨i Goto 🔄 ⇒
	Unit Layer Amount 1			Room Amount in One Layer		
	First Floor Number 101			Second Floor Number	201	
	Add					

3. HOUSEHOLD SETTING

Go to the "VTH Management" and add as many room numbers as there are indoor monitors. First press "CLEAR" then edit the settings to the project and press "ADD". In the picture above there are 5 indoor monitors.

4. LOCAL SETTING

Edit the "façade Layout" by clicking on the name/button, you will see the room numbers. Add the room numbers in order which to floor/room to call.

WEB SERVICE2.0	☆ Local Setting	Household Setting	Metwork Metwork	Search Log	English -
Basic	Device Properties				
Video & Audio	Device Type Small Apartment Device Name		Centre Call No. 888888		
Access Control 🗸 🗸					
System	Group Call 🧧 Warning:The device will call enable status.				
Security					
Onvif User				Save	Refresh Default
Update	Facade Layout				
Upload File					
Legal Info					
	Ð				
				Confirm	Rofresh



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How to program the indoor monitor(s).

Ņ	Configtool	7 Device(s) found	0		Sea	rch Setting 🛛 🔻 —	×
P	Modify IP		Network Config	Network Terminals Passwo	ord WireZone	AlarmMode	F
Ŧ	Device Upgrade	 ▶ VTO ▼ VTH 192 168 •37777 	Local Info				
¢	Online Upgrade	192.168. :37777 192.168. :37777 192.168. :37777 192.168. :37777 192.168. :37777	Room Main IP	Add roomnumber	Main VTH	•	
0	Device Config		Main User	admin	Main Password	•••••	
٥	System Settings		SIP Server				
⋳	Password Reset		Sip Server IP Sip Register Pwd	IP address of VTO •••••• Default (123456)	Sip Server Port Sip Realm	5060 VDP	
Ъ	Building Config		Login User	admin	Login Password	Password of VTO	
88	CGI Protocol					ОК	
						Apply to	

1. DEVICE CONFIG

In the tab "Network config" click on the VTH you want to edit. "Local info" tab.

Fill in the "roomnumber" at the "room" option the same numbers as like in the VTO. (example, if this is the first one fill in "101". The next VTH will be room "102").

"SIP Server" tab.

The "Sip server IP" is the IP address of the (main) VTO.

Fill in the password from the VTO in the "login password" tab.

After all is edit, click "OK" In the bottom right corner.



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Ņ	Configtool		7 Device(s	i) found	0	;			Sea	arch Setting	▼ - ×
₽	Modify IP				0	Network Config	Network Terminals	Password	WireZone	AlarmMode	•
ŧ	Device Upgrade	► \ ▼ \	/TO /TH 192.168. 192.168.	:37777 :37777		Network Termin	nals +				
ᠬ	Online Upgrade		192.168. 192.168. 192.168.	:37777 :37777 :37777		Main VTO Name	Main VTO		Main VTO IP	IP address VTO	
Ø	Device Config					Main VTO User	admin		Main VTO Pwd	Password VTO	
						VTO Enable St	atus				Save
۲	System Settings										
₿	Password Reset										
Ц	Building Config										
88	CGI Protocol										Apply to

1. DEVICE CONFIG

In the tab "Network terminals" click on the VTH you want to edit. Fill in the IP address and the password of the VTO. Click on "Enable" and "SAVE". This option makes sure u can see the outdoor station without calling.

How to check the local setup.

When you finished the programming of the VTO and VTH's. You'll need to reboot all the devices. This will make sure every device will make a new (fresh) connection to the sip server (VTO). This can be checked at "household setting – status". <u>Rebooting and connecting can take up to 10min</u>.

WEB SERVICE2.0	☆Local Setting	Household Setting	ONetwork	Search Log	English -	▲ ♠ ତ
VTO No. Management	Status					
VTH Management	Room No.	Status	IP:Port	Reg Time	Off Time	
VTC Sottings	105	Online	192.168. :5062	2024		
vis seurigs	8001	Online	127.0.0.1:5061	2024	0	
IPC Setting	103	Online	192.168. :5062	2024		
	104	Online	192.168. :5062	2024	0	
	102	Online	192.168. :5062	2024		
Announcement 🗸 🗸	101	Online	192.168. :5062	2024	0	
Personnel Management					i ∢ 1/1 ⊧ ⊧ Goto	



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Activating DMSS app in indoor monitor



In the home screen click on the QR code icon in the middle of the right side icons.



It will raise the question if u want to use the DMSS app. Click "OK".



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Activate the cloud by clicking the slider.

0					alhua
	~	Change Network Password		e=	Contractor
	Cloud				
	Username	User		129	
	New Password	Please enter a password containing 8-16 characters	741	0	
	Confirm Password	Please enter a password containing & 16 characters	745	8	
				ØD	
	1				
				a series	

Edit the name and fill in a new password.



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After confirming the ID and Password settings, there will appear a new login QR code. There is now a new "DMSS" tab in the top of the screen.





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 Connecting app to installation

 Which app do I need to download.

 Official Connecting app to installation

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 Official Connecting app to installation

 Uteo Doorbell

 Official Connecting app to installation

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 Official Connecting app to I need to download.

 Official Connecting app to I need to download.

 Official Connecting app to I need to download.

 Official Connecting app to I need to download.

For android and Apple mobile phones, download in the app stores the "DMSS" app. <u>https://play.google.com/store/apps/details?id=com.mm.android.DMSS&hl=en&gl=US</u> <u>https://apps.apple.com/us/app/dmss/id1493268178</u>

How to make an account.

In the "Small apartment" mode u **NEED TO** make an account for using the app for receiving push notifications. This because of the multiple buttons on one location.



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How to connect the app to the indoor monitor.

When downloaded the app. Open the app on your mobile device.







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When the scan is succeeded. You will see the next screen with the serial number written down. When u added a security code you need to fill this in. When there is no security code leave this empty and press next.



Device SN and Security Code

Serial number

Please enter the security code

If the security code is not on the device label, you can leave this field empty.

Next



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Choose what kind of device you scanned. In this case it's a "VTH". When you want to finish this step the app will show a message that u need to make an account. Click "Log in"







TECHNICAL DATA SHEET | Ref: 2024 003 | Mar 2024 Dahua Video Doorbell Make an account with a personal mail address. ALL USERS NEED TO HAVE THEIR OWN ACCOUNT !! You'll receive an code in the mail to verify. < < Welcome Sign up Sign up Enter email **Email adres** × Ø Enter password Ø Combination of 8-32 letters and characters, case sensitive. Get verification code Forgot password? I have read and agree to User Service Agreement Privacy

Agreement



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When u put in the received verify code, the next screen will appear. Make up a device name for reference. Then use the data that was put in the VTH. Edit the "username" if it's edit in the VTH. Fill in the "device password" that was made in the VTH.





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When successfully added, you'll see the next screen. Make sure all options for notifications are enabled. In the DMSS as in the mobile device settings. There is an option to call from the mobile device to the indoor monitor, also to the outdoor station, with or without video. Also open the door with release key 1 and 2.

