

SYSTEM REQUIREMENTS

- DoorBird IP Video Door Station D10x/D11x/D21x Series.
- ampio M-SERV-MINI-S

ADDITIONAL INFORMATION

The following guide will help you set up a DoorBird IP Video Door Station in connection with the ampio device. Please ensure the ampio device receives an IP address and is connected to the same local network as your DoorBird IP Video Door Station. Please also make sure your DoorBird is online using this service: <u>https://www.doorbird.com/checkonline</u>.

The local IP address of your DoorBird is available from the same page.

- You can make a SIP call from an Ampio device (via the Ampio app) to DoorBird.
- You can get notifications upon doorbell events in the Ampio UNI app and perform actions, e.g., Buzzer ring /turn on flashlights.

1. SETTING UP THE AMPIO DEVICE

1.1 Connect the ampio Device to the power supply, local network.

1.2 Create an account at https://designer.ampio.com/login to download the ampio designer software.

1.3 Enter the IP address of ampio device on the browser and click on connect .

	MPIO [®] DESIGNER
	Local
	PASSWORD
	Connect
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1.4 The Ampio device will be on the list.

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	15FE4		M-SERV-MINI	-s, PCB: 8	11605			<u>ہ</u>	۲
Image: 405	Server: 1338	Designer: 1.0.132	MQTT: 5.123.1 D	evice ID: (00000a08e45f0100			Feedback	

1.5 Go to Settings --> Click on SIP.

Enter the IP address of ampio device and SIP port.

In the List of SIP users -->Use one of the SIP users to DoorBird and another to Ampio device along with the associated password.

Save the SIP Settings.

SIP		Gen	eral					
NETWORK								
SYSTEM	Disable SIR Add new Generate Sa	y						
RESOURCES		user dialplan						
ICONS	Host	SIP pro	ovider					
PARAMETERS	192.15/8.178.30							
PREFERENCES	Login							
INTEGRATIONS								
BACKUPS	Password							
LOGS	Port SIP							
CAN	5060							
API		List of SI	Pusers					
CHANGELOG	NAME	LOGIN	PASSWORD	DELETE				
FILESERVER		201	201 \$	ð 🖻				
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1.6 Go to Applications --> Click on "+" Symbol --> Add a new group.

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Q (M-SERV-MINI-s) (15fe4)	•	Q Dashboard (0)	Add a new group		Das	hboard	
			Add a new object Add group from location	objects to group:	Түре	SETTINGS	CHAP
			Import group				



1.7 Enter the Description for the new group and Click on "Add".

Description	
SIP CALL	
Dashboard	

1.8 Add SIP function as object. Click on Search menu to add the object . Similar to step 1.6

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			Import group				

1.9 Enter Description, Select Group -->SIP CALL ,Object type -->SIP, Subtype -->flag, Click on Add.

NEW OBJECT	×
Description	
sip	
Group	
SIP CALL	٥
Object type	
SIP	0
Add	

1.10 Enter the details in the sip object -->General settings.



1.11 Enter in GENERAL SETTINGS

SIP account --> ampio_sipuser@ampio_Device_IP_address , e.g., --> 203@192.158.178.30 (203 sip user is dedicated to ampio device). Enter the SIP password associated with ampio sip user(from step 1.5)

Enter SIP callee -->DoorBird_sipuser@DoorBird_IP_address , e.g., -->204@192.158.178.42, (204 sip user is dedicated to DoorBird device).

Enter RTSP Camera : rtsp://user0001:password@DoorBird_ip_address/mpeg/media.amp Save the Settings.

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JENERAL SETTINGS			
Device	(M-SERV-MINI-s) (15fe4)		
Description	sip		
Icon OFF	Choose	e file	
Icon ON	Choose	e file	
Object type			
SIP account	203@192.158.178.30		
SIP password			
SIP callee	204@192.158.178.42		
Transmit video over SIP			
RTSP Camera			
Open gate object			
Open time [s]	0.00		
Save image on flag activation			
Flag to save image	M-SERV-MINI-s - flag - 1		
Proportion			
ADVANCED SETTINGS			
CHART SETTINGS			~

1.12 Open ampio device app and you can see sip call object.





2. ADD WEBVIEW TO GET STREAM

2.1 Add a new object -->Enter Description -->preview.
 Select Group --> SIP
 Object type --> webview
 Subtype -->webview

NEW OBJECT ×					
Description					
preview					
Group					
sip	0				
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2.2 Enter URL: http://user0001:password@DoorBird_IP_address/bha-api/video.cgi

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	 sip (2) SIP CALL (7) 		OBJECT SETTINGS IN A GRO	UP			
	preview (8) V UNGROUPED		GENERAL SETTINGS				
				Device		(M-SERV-MINI-s) (15fe4)	
				Description	×	preview	
				Icon OFF		C	hoose file
				Icon ON		C	hoose file
				Object type		webview	
				URL		http:abcdef0001xyzxyz@192.1	58.178.42/bha-api/video.cgi
						3	1
				Proportion		4	
				Subtype:	*	webview	
				Save image on flag activation			
				Flag to save image		M-SERV-MINI-s - flag - 1	
				Try to redirect via cloud			

2.3 Save the Settings. This will display a live stream from DoorBird camera in the ampio UNI app.





3. CREATE AN AUTOMATION TO GET PUSH NOTIFICATIONS IN AMPIO UNI APP

3.1 Go to Settings -->Resources --> Click on Add resource. Enter Description, Select Event Number 255.

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USERS			NAME	×		(H) (A)	\sim
SIP			Description			Add Add default resource	
NETWORK	ID	DES		BER	TYPE		
SYSTEM	1	c	Event number		Resource		
RESOURCES) 2	P		Ĵ	Resource		
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DADAMETERS							

NAME	×
Description	
doorbird	
Event number	
255	^
	· ·
Add resour	ce

3.2 The Created event will be displayed in the list along with other default events.

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USERS	21	Lower Roller Structurs		LAGUE
SIP	22	Raise Roller Shutters	18	Event
NETWORK	23	Turn On Lights	19	Event
SYSTEM	24	Turn Off Lights	20	Event
RESOURCES	25	Alarm	21	Event
ICONS	26	Server Started	248	Event
PARAMETERS	27	Disconnected From Cloud	249	Event
PREFERENCES	28	Someone Is Home	250	Event
INTEGRATIONS	29	Empty Home	251	Event
BACKUPS	30	Someone Left Home	252	Event
LOGS	31	Someone Entered Home	253	Event
CAN	32	Log In To Application	254	Event
API	4	doorbird	255	Event



3.3 Open the ampio UNI app --> Go to Automation -->Click on "+" Symbol to add new automation. Enter Description and Click on OK



3.4 Select Conditions --> Click on "+" symbol on corner to Add Condition, Select Type -->Event, Event name -->doorbird (Created in Step 3.1).





3.5 Select Active --> Click on "+" symbol on corner to Add action, Select Type -->Push, Enter text message and Select Send to ampio user email id. Save the DoorBird Notification.

← 🗟 DoorBird Not	tification (+	\sum		÷	DoorBird N	otification
CONDITIONS	ACTIVE				CONDITIONS	ACTIVE
DONE				•	Push: Some are at the Send to:	door user:
		Choose type Scene Object Push	×			NE
Add action Type Push	×	Event Message				
ADD						

3.6 The Automation will be listed and Enable active .



3.7 Enter the URL below on the browser to create an automatic HTTP request in the DoorBird app. Replace user0001:password with DoorBIrd user1 credentials and 255 -->Event Number (Step 3.1)

http://user0001:password:@DoorBird_IP_Address/bha-api/notification.cgi? url=http://Ampio_device_IP_Address:8060/api/setEvent/**255**&event=doorbell&subscribe=1&user=ampio_user_em ail_id&password=ampio_user_password

		http://user0001:password:@DoorBird_IP_Address/bha-api/notification.cgi? url=http://Ampio_device_IP_Address:8060/api/setEvent/255&event=doorbell&subscri &user=ampio_user_email_id&password=ampio_user_password
N Raw Data He	taders	
e Copy Collapse All	Expand All	₹ Filter JSON
IA:		
RETURNCODE:	"1"	
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subscribe:	"1"	
url:	"http://am	nois inaddrar 1966/ani/astrumy/ast test this URL in the browser for OK response
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password:	amale week	
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te: Enter a the resp	bove ge	enerated URL again in the browser authenticate with ampio username and password, DK will be received
te: Enter a the resp ← →	"1e" bove ge boonse O	enerated URL again in the browser authenticate with ampio username and password, DK will be received
relaxation: te: Enter a the resp ← →	"19" bove ge bonse O	enerated URL again in the browser authenticate with ampio username and password, DK will be received
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relaxation: te: Enter a the resp ← → This XML t	amplo_use "19" bove ge boonse O C file does r	enerated URL again in the browser authenticate with ampio username and password, DK will be received Image: Comparison of the second system of the

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4. SETTING UP THE DOORBIRD IP VIDEO DOOR STATION

For the DoorBird IP Video Door Station to properly communicate with the ampio device, the DoorBird device's SIP settings must be adjusted accordingly.

4.1 Open the DoorBird App and log into the administration area under "Settings → Administration" using your administrator username and password credentials from the "DIGITAL PASSPORT" document that was shipped with DoorBird IP Video Door Station.

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	Administra	tion	
LOGIN			Q
Admin name			
Admin password	I		0
Save login			

4.2 Choose "SIP Settings" from the menu, Enable the "SIP activated," and Enter SIP User --> IP address of Ampio device, SIP User, and Password assigned for DoorBird(Step 1.5).

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		SIP SETTINGS	Save	P Settings	SI
		SIP activated			
192.158.178.30		SIP Proxy		(
203		SIP User			
203	8	SIP Password			
		OPTIONAL SETTINGS			
		Auth ID			
	-	Display name			
	22	STUN Server			
		ADVANCED SETTINGS			
		DTMF			
		Allow incoming calls			
0 >		Allowed SIP Users			
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4.3 In the Advance Settings Enable Allow Incoming Calls. Add the ampio device IP address. Save the SIP Settings.

	SIP Settings	Save		SIP Settings	
Display name	÷		203@192.158.1	78.30	
STUN Server	<u></u>		200(@192.100.17	0.00	
ADVANCED SETTING	SS				
DTMF					
Allow incoming call	S	•			
Allowed SIP Users		1 >			
Button action during	g call	No action			
Ring time limit (max	(. 180s)	180			
Call time limit (max	. 300s)	180			
Noise cancellation					
Microphone volume	e: 54%				
	•				
Speaker volume: 27	%				
Last error code		200		ADD	
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Note: You can call from ampio UNI app to DoorBird device.

4.4 Go back to the main administration area and tap on HTTP(S) Calls after adding automation in ampio UNI app . Automatically the HTTP request is created to get notification in the ampio UNI app upon DoorBell event(step 3.7).

Administration	Save	-	
Administration	0070	Favor	tes
EAVORITES		Q Search	
HTTP(S) Calls	>		
SIP Numbers	>	IEGACY_API_http_notification http://Username of ampio account:Password@192	DN_GOOLDEII .158.178.30:8060/api/setEvent/
PERIPHERALS			
Settings	>		
DOORBIRD CONNECT			
External video service (NVR)			
SDDD (Control4)	1.0		



To forward calls from the DoorBird IP Video Door Station to the integration, a schedule for ring events needs to be set up. Depending on the model of the DoorBird IP Video Door Station, choose one of the following options:

A) For all devices with a Single Call Button (e.g. D1101V, D2101V, D2101KV, etc.), find the corresponding settings in the DoorBird App administration menu EXPERT SETTINGS when selecting "Schedule for doorbell".

In this screen, tap the options in the upper-left corner, select "HTTP(S) call" and fill out the schedule as per your requirements for this event.

B) For all devices with a multiple call buttons (e.g. D2102V, D2103V, D2112V, etc.), find the corresponding settings in the DoorBird App administration menu BUTTON CONFIGURATION when selecting "Settings".

Select the call button the event needs to get assigned to and go to "Schedule for actions".

In this screen, tap the options in the upper-left corner, select "HTTP(S) call" and fill out the schedule per your requirements for this event.

C) For all devices outfitted with a digital display module (e.g. D21DKV), find the corresponding settings in the DoorBird App administration menu KEYPAD when selecting "Settings".

Select the keypad combination the event needs to get assigned and go to "Schedule for actions".

In this screen, tap the options in the upper-left corner, select "HTTP(S) call" and fill out the schedule per your requirements for this event.

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		Schedu	ule for	action	IS			
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Schedule for actions									
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06:00									
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Hint: By tapping the button in the upper right corner it is possible to fill or empty the entire schedule.

4.5 Return to the main administration area and save the settings.



4.6 Press the associated doorbell button to get the notification in the ampio UNI app.



Note: For questions and problems regarding our devices (DoorBird IP Video Door Station or DoorBird IP Upgrade), please get in touch with our technical support via the contact form online: <u>https://www.doorbird.com/de/contact.</u>

Note:_For questions and problems regarding ampio device (for technical issues), please contact the manufacturer directly via the remote support: <u>https://ampio.com/en/support/</u>

FIRMWARE INFORMATION

This manual was tested using the following versions:

1. ampio Hardware device series: M-SERV-MINI-S Ampio App Version:1.7.10 Ampio Desginer Version:1.0.130

2. DoorBird IP Video Door Station Hardware device series: D21DKH-V2A Software Version: 000143

Hardware device series: D1102FV Software Version: 000143

Hardware device series: D101S Software Version: 000143