

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 .

Local
PASSWORD
Connect
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1.4 The Ampio device will be on the list.

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Refetch dat					Q Search		
	MAC14	USER MAC 1	SYMBOL 14	SOFT 1	NAME 14		CONFIG
	15FE4		M-SERV-MINI-s, PCB: 8	11605		• •	۲
Image: 405	Server: 1338	Designer: 1.0.132	MQTT: 5.123.1 Device ID: 000	000a08e45f0100		Feed	iback 🙆 🕕

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 SIP Add new Cenerate Sa			
RESOURCES	Disable SIP Add new Generate Sa user dialplan		~ 11~	
ICONS	Host	SIP pro	ovider	
PARAMETERS	192.158.178.30			
PREFERENCES	Login			
INTEGRATIONS				
BACKUPS	Password Enter password to SIP provider			
LOGS	Port SIP			
CAN	5060			
API		List of SI	IP users	
CHANGELOG	NAME	LOGIN	PASSWORD	DELETE
FILESERVER		201	201 9	5 💼
		202	202 🖉	5 💼
		203	203 🧟	5 💼
		204	204 🧟	5 💼

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 Import CSV	l objects to group:	Түре	SETTINGS	CHAP
			Import group				



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

NEW_GROUP	×			
Description				
SIP CALL				
Group				
Dashboard				
Add				

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

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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	l objects to group:	Search	cr ea nce	
			Import CSV Import group) NAME	TYPE	SETTINGS	CHAP

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

NEW OBJECT	×			
Description				
sip				
Group				
SIP CALL				
Object type				
SIP				
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.

ICES LOCATIONS LOGIC APPLICATION SETTINGS	$\blacksquare & \\ \end{array}{} \\ \\ \\ \\ \\ \\ \\ \end{array}{} \\ \\ \\ \\ \end{array}{} \\ \\ \\ \\ \end{array}{} \\ \\ \\ \end{array}{} \\ \begin{array}{} \\ \\ \\ \end{array}{} \\ \\ \end{array}{} \\ \begin{array}{} \\ \\ \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{} \\ \\ \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{} \\ \\ \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{} \\ \\ \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{} \\ \\ \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{} \\ \\ \\ \end{array}{} \\ $	Save	~ @@@
GENERAL 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				
Object type					
webview	0				
eveni					
group					
SIP					
webview					

2.2 Enter URL: http://user0001:password@DoorBird_IP_address/bha-api/video.cgi

(Q > Dashboard (0)	(+) (+)	Back Copy to others Copy	F	preview (8)		
	sip (2) SIP CALL (7)		OBJECT SETTINGS IN A GROUP				
	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://def0001xyzxyz@192.1	58.178.42/bha-api/video.cgi
						3	1
				Proportion		4	
				Subtype:		webview	
			Sa	ave 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.

			ATIONS LOGIC APPLICATION SETTINGS		Save 🖓		
USERS			NAME	×			\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	^
200	×
Add reso	urce

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

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JSERS	21	Lower Roller Structures		Lyen
SIP	22	Raise Roller Shutters	18	Event
NETWORK	23	Turn On Lights	19	Event
SYSTEM	24	Turn Off Lights	20	Event
ESOURCES	25	Alarm	21	Event
CONS	26	Server Started	248	Event
ARAMETERS	27	Disconnected From Cloud	249	Event
REFERENCES	28	Someone Is Home	250	Event
NTEGRATIONS	29	Empty Home	251	Event
ACKUPS	30	Someone Left Home	252	Event
OGS	31	Someone Entered Home	253	Event
AN	32	Log In To Application	254	Event
PI	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.

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	ACTIVE			CONDITIONS	ACTIVE
DONE				Push: Some are at the Send to:	deor user:
		Choose type Scene Object Push	×		DNE
Add action	×	Event			
Туре		Message			
Push	~				

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

	&user=ampio_user_email_id&password=ampio_user_password
ON Raw Data Headers	
e Copy Collapse All Expand	All □ Filter JSON
HA:	
RETURNCODE: "1"	
NOTIFICATIONS: • 0:	
event: "doorbe	2112"
subscribe: "1"	
url: "http:	//ampio_ipaddress:8060/api/setEvent/255" test this URL in the browser for OK response
	p_user_emailid
	p_user_password
relaxation: "10"	
ote: Enter above	generated URL again in the browser authenticate with ampio username and password, e OK will be received
ote: Enter above	
ote: Enter above the response	e OK will be received
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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.

4:23		3	Ŷì
	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).

Save	P Settings	S	* 1	a 🖉	:21
		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			
No action	Second 1	Button action during o			
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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@192.158.17	78.30	
STUN Server					
ADVANCED SETTINGS					
DTMF					
Allow incoming calls		•			
Allowed SIP Users		1 >			
Button action during	call	No action			
Ring time limit (max.	180s)	180			
Call time limit (max. 3	300s)	180			
Noise cancellation					
Microphone volume:	54%				
0	•				
Speaker volume: 27%					
Last error code C		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).

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Administration	Save	Favor	tes
EAVORITES		Q Search	
HTTP(S) Calls	>		
NP Numbers	>	legacy_api_http_notification http://Username of ampio account:Password@192	
ERIPHERALS			
ettings	>		
OORBIRD CONNECT			
External video service (NVR)			
SDDP (Control4)	100		



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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	Scheo	dule f	or actic	ms		
	Push notification	fica	ation	v	> (
ß	Trigger relay	Æ	TH	FR	SA	SU
	HTTP(S) calls					
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06:00							
06:30							

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