

SYSTEM REQUIREMENTS

- DoorBird IP Video Door Station D10x/D11x/D21x/D1812 Series.
- Enertex EibPC², Enertex KNX Power Supply 960³.
- EibStudio.

ADDITIONAL INFORMATION

The following guide will help you set up a DoorBird IP Video Door Station in connection with the Enertex Device. Please ensure the Enertex device receives an IP address and is connected to the same local network as your DoorBird IP Video Door Station. Please also make sure that 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 trigger the Relay from the webpage of Enertex EibPC².
- You can create a KNX integration using EibStudio for triggering a DoorBird Relay.

1. SETTING UP THE ENERTEX DEVICE

1.1 Please connect the Enertex device as shown below.



1.2 Enertex webview can be accessed by entering the IP address of the EibPC² on the browser.





1.3 Open the EibStudio.

EIDSTUDIO	5.202 - elbknx (Connecte					- 0
roject Edit	EibPC Help EIBPC PRO	OGRAM PROJEC	PROJECT LOG			
දුන . පුට						
00	Status		Network	connection	KNX connecti	on
D)	Hardware	EibPC ²	IP address	192.158.168.72	Connection type	KNX/IP
_	Tersion .	11/19/2024, 01:19:12	DHCP	On	Status	Connected
	Boot time	PM	Netmask			
1	Average CPU load	8%	DNS server			
P	Telegram buffer	500000	MAC adress	100.000.000		
ÖÇ3	Firmware version	5.203				
	Serial number	100000000				
	Unlocked options	NP				

1.4 Enter the IP address of the EibPC² and Click on CHECK CONNECTION.

oject Edit	EibPC Help		
8 .	CONNECTION DATE AND TIME EIBP	C REMOTE ACCESS FILES EXTENDED	
	Connection Address of EibPC Current value IP address 192 158 168 72 CHECK CONNECTION Find EibPC 192 158 168 72 SEARCH SAVE	KNX interface Transfer the program for changes to take effect NOC Interface Internal interface	KNX Currently configured connection CHECK CONNECTION CONNECT DISCONNECT Telegrams per second to send on KKN bus Telegrams./:
	Init. group addresses Prevent initialization of group addresses on program : Useful, if no bus connection is available, e.g., for simulation.	start. Internal interface Individual addresses of the internal KNX interface. Device address 15.15.1 15.15.2 Tunnel ETS 15.15.3 CHECK SAVE RESTART	Network connection MAC adress: ixxxxxxx ChCP CHECX SAVE RESET
	DNS server 1 19235818472 DNS server 2 DNS server 3	Ports In and Out ports. Default: UDP In: 4806, UDP Out: 4807, TCP: 4809, Modbus: 502. UDP In UDP Out 4806 4807 TCP Modbus 4809 502	
	CHECK SAVE		

Note: Download the EibStudio from this page <u>https://enertex.de/d-downloads.html</u>



1.5 Go to Visu --> Click on Functions -->Find DoorBird in the list. Click on "+" to add the new page. Give a Name and Click on OK.



1.6 Double click on DoorBird in the function list to add in the page.



1.7 Click on the created page -->The configuration screen will appear.

Enter the IP address of the DoorBird.

Enter the Username and Password of the DoorBird User1 (User1 / User2 /).

Enter the Number of doorbell buttons.

Enter the Doorbell name.

Click on --> "CONFIGURE", automatically the HTTP request will be created for DoorBird from enertex Visu. Click on DEVICE INFO and check for the created HTTP request and Click on Save.



Doorbird	0
Name	
Doorbird	
Hostname or IP	
192.158.168.227	
Unamana	
labcdef0001	XYZXYZ
Notification for motion	30
Doorbell buttons	
Number of doorbell buttons 1	
	Deathall asses
 Notification for doorbell 1 	1
Camera configuration	CONFICUES
DEVICE INFO	CONFIGURE
{ "Type": "DoorBird D21DKH-V2A", "Relays": [
<pre>{ "Type": "DoorBird D21DKH-V2A", "Relays": ["1", "2"] } { "http": { "O": { "title": "EibPC 192.158.168.72 Motion" "value": "http://192.158.168.72/visu/ap }, "1": { "title": "EibPC 192.158.168.72 Doorbel "value": "http://192.158.168.72/visu/ap } } }</pre>	, , ; ; ; ;?key=doorbird-192.158.168.227-motion&value=1" II 1", ;; ;?key=doorbird-192.158.168.227-doorbell-1&value=1"
//DoorBird Schedule	
}	
,	



2. CONFIGURATION OF KNX INTEGRATION FOR DOORBIRD

2.1 Go to Logic --> Select Devices on the List --> Drag and Drop the DoorBird icon on the page,

	✓ Control	
B	✓ String	
5Merros	✓ Time	
and s	✓ Notification	Doorbird
	✓ Communication	
	✓ Scenes	
	✓ Weather	
	 Visualization 	
	 Devices 	
	Doorbird	

2.2 Double click on the DoorBird Block and Enter the DoorBird details (Same as Step 1.7).

路	✓ Flip-Flops	Doorbird		logic 0
ÐÐ-	✓ Math	Name		
	✓ Control	Hostname or IP		
B	✓ String	GOOTDING, THE TOBAT / INVE		
Care	✓ Time	Username	Password	
were s	 Notification 	Number of doorbell buttons		
	 Communication 			
	✓ Scenes	DEVICE INFO CONFIGURE		
	✓ Weather	PERSONAL PROPERTY.		
	 Visualization 			-
	✓ Devices			
			CANCEL	SAVE

2.3 After Entering the Details the logic will be Modified as shown below.

String	
	V Test
Time	
' Notification	
Communication	
 Scenes 	



2.4 Go to Object Drag the Group address on the each port.



2.5 Click on Group Address --> Select Type --> Value --> Click On Group address --> Select accordingly.

Group address		Select Group address		
Type Value	•	Allowed data types: all Her Piter datatype 1/2/3' or 'Kitchen' Select		
Read on start Use custom group address Group address		Object	Туре	
		✓ 🔀 0 Doorbird		
		V 🚼 0/0 Front Door		
		20/0/1 Motion	b01	
		0/0/2 Doorbell 1	b01	
		0/0/3 Doorbell 2	b01	
		0/0/4 Doorbell 3	b01	
		0/0/5 IR	b01	
		88 0/0/6 Relay	b01	
			# A \$ 1.000	

2.6 Each function output can be connected according to your requirements.

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8	Objects							Logic	
)- - -									
5.	88	Group address							
B	Х	Variable		8 0/0/5 IR	~				
*>	st	Constant		😵 0/0/6 Relay	<u> </u>	Test	Group address		
	5	Type Convert		🚼 0/0/6 Relay	\sim		Group address		
	u08 %	Percent							
	5	Change							
	×	Save Variable							
		Comment							



3. SETTING UP THE DOORBIRD IP VIDEO DOOR STATION

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

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



3.2 After login, go to USER --> Settings --> In user management enable the permissions and Click On Save.



3.3 In Favorites-->HTTP requested are created automatically from Enertex.



	Administration	Save	Favorites
\langle	HTTP(S) Calls	>	Q Search
	SIP Numbers	>	EibPC 192.158.168.72 Doorbell 1 http://192.158.168.72 2/visu/api?key=doorbird-192.1
	PERIPHERALS		EibPC 192.158.168.72 Motion http:// ^{192.158.168.72} /visu/api?key=doorbird-192.1 <
	Settings	>	
	DOORBIRD CONNECT		
	External video service (NVR)		
	NVR Substream	H.264 >	
	SDDP (Control4)		

3.4 Co back to the main administration area and schedule for actions.

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 the doorbell."

On this screen, tap the bell symbol 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 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 to which the event needs to be assigned and go to "Schedule for actions."

On this screen, tap the bell symbol 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."

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







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

Hint: By tapping the button in the upper right corner it is possible to fill or empty the entire schedule.

3.6 Press the doorbell on the DoorStation to receive a notification.



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

Note: For questions and problems regarding Enertex devices (for technical issues), please contact the manufacturer directly via support : <u>https://www.enertex.de/d-kontakt.html</u>

FIRMWARE INFORMATION

This manual was tested using the following versions:

1. Enertex enertex EibPC² enertex KNX PowerSupply 960³

2.Enertex Studio Version: 5.202

3. Door Bird IP Video Door Station:

Hardware device series: D21DKH-V2A Software Version: 000145

Hardware device series: D1102FV Software Version: 000145

Hardware device series: D101S Software Version: 000145