

# SYSTEM REQUIREMENTS

- DoorBird IP Video Door Station D10x/D11x/D21x/D1812 Series.
- Nice Home Management controller (server) and touch panel (client). (Minimum FW version 8.0)

### ADDITIONAL INFORMATION

The following guide will help you set up a DoorBird IP Video Door Station in connection with the Nice Device. Please ensure the Nice 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.

Note on video functionality: Nice does not handle video; instead, it sets up a direct video connection between the devices used. Please make sure the Nice Device you plan to use with your DoorBird IP Video Door station is set up for video.

- You can perform SIP Call from DoorBird to Nice Touch panel for both Audio and Video.
- You can Trigger the relay during SIP CALL by entering DTMF code in the Touch screen.

## 1. SETTING UP THE DOORBIRD IP VIDEO DOOR STATION

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

1.1 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.

Administra	ation	Q
		Q
		0
	CONTIN	CONTINUE

1.2 After login, go to USER --> Settings --> In user management enable the permissions (In order to watch the video in the Nice Touch panel screen).Save the Changes.



	Administration	Save
PASSWORD	Administration	Save
17.0011010		
		0
	CHANGE PASSWOR	D
NAME (COMME	NT)	
Elan		
PERMISSIONS		
Permissions		Select >
ASSIGN CALL B	UTTON	
Call button	D	oorbell No. 1 ゝ
	-	
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	0	$\bigtriangledown$

1.3 In Favorites-->SIP numbers-->Add SIP number e.g.,Nice@192.168.158.82(IP address of Nice controller). Save the SIP Number.

	SIP Numbers	Save
SIP NUMBERS		
Name		Nice
SIP address		Nice@192.168.158.82
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	0	$\triangleleft$



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1111

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192.168.158.82

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1.4 Go to SIP Settings, Enable the SIP. Enter the IP address of the Nice controller in the SIP Proxy field. Give a name for the SIP User, same name will appear in Nice ---> Messaging Settings.



1.5	Enable DTMF. Enter the Relay PIN of your choice ( Enter the same PIN in the Nice touchscreen to Open
	Door/Trigger Relay).

ADVANCED SETTING	SIP Settings	Save
ADVANCED SETTING	15	
DTMF		
Light PIN	_/	1111
Relay 1 PIN		2222
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	: 54%	
	•	
Speaker volume: 27	%	
•		
Last error code C		200
((*))	9	ŝ
111	0	<



1.6 Go 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 "SIP 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 the event needs to get assigned to and go to "Schedule for actions."

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

	11:19			3.		€∎				Sche	edule fo	or acti	ons		
	Scheo	dule fo	or actio	ns									/		
					. (			60 ~	<		Nice	3	(	>	
1	Push notification	n <sup>ifica</sup>	ation	Ŧ	2		J						_		
)	Trigger relay	/E	TH	FR	SA	SU		$\diamond$	MO	TU	WE	TH	FR	SA	SU
								00:00							
	HTTP(S) calls							00:30							
	SIR call	-						01:00							
3	on can	$\mathcal{D}$					ľ	01:30							
		-						02.00							
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1.7 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.

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## 2. SETTING UP THE NICE DEVICE FOR DOORBIRD VERSION BELOW 144

Note: ELAN is now known as Nice, meaning ELAN and Nice are the same devices.

- 2.1 Connect Nice device to Power Supply and LAN connection to Local Network.
- 2.2 Open the Nice Management Cloud and Login with your credentials.

	Nice Management Cloud	
USERNAME		
example@gmail.com		
PASSWORD		
[ ⊕		۲
Save Username		
	Login	
Forgot Password?	Legal	Quick Connect

2.3 Go to Quick Connect --> Select your controller and Save Controller. Click on Configurator.

Quick Connect					
		Saved Controlle	Local Controllers		
System Name	Notes	Туре	Remote Address Ve	ersion Action	
	, ,				1
ab-cd-ef-gh-ij					1 5
	Previ	ous Page 1	of 1 10 rows ~	Next	
Controller Acce	SS				
SYSTEM	PA	SSWORD (Optional)			
ab-cd-ef-gh-ij					
			🖉 🚺 🖸 Configu	arator	
Remember P	assword	Save Controller	AND Configu Viewer	irator v2	
m Pa	sic Information				
ity Sy	covery stem Time				
te 🗧 Lor	ation and Weather				
ng Sy	stem Modes in Tabs				
ent Mo	dule Configuration				
<u></u>	U Usage	15			
	xceptions				
	onnections				
aging <u>fils</u>	ystem				



2.3 Go to Video --> Click on Video Camera sources --> Select Video Source (Static) --> Click on OK.

System	Se Communication Devices Built-In DVR Options				
Security	Transcoder Options				
Climate	🗐 🍈 imx53_smd	Add New Video Source (Comerc			
Lighting	∓ i birdyberd	Add New Video Source/Camera			
Content	ONVIF Video Source (Static)	Name	keypad		
Media	T Keypad	Device Type	C Show	Unsupported [	Devices
Video	NVP/DVP Systems	Name	Version	Vendor	^
Video	Custom Pages	AXIS M7001	8.2 Build 650.2 Rel	ELAN	
Messaging	Custom Pages	AXIS M7001VE	8.2 Build 650.2 Rel	ELAN	
meaauging		AXIS M7014 Port	8.2 Build 650.2 Rel	ELAN	
Irrigation		AXIS M7014VE	8.2 Build 650.2 Rel	ELAN	
		AXIS P3301	8.2 Build 650.2 Rel	ELAN	
Pool Control		AXIS P5512PTZ	8.2 Build 650.2 Rel	ELAN	
		ELAN IP Camera	8.2 Build 650.2 Rel	ELAN	
UPS		Generic URL Video Camera	8.2 Build 650.2 Rel	ELAN	
		ONVIF Video Source (Dynamic)	8.2 Build 650.2 Rel	ELAN	- 11
Interface		Panasonic Pro Series	8.2 Build 650.2 Rel 8.2 Build 650.2 Rel	ELAN	- v
Input/Output					_
Event Mapper					
Layout		Search For Devices Search Folder	r Cancel	0	

2.4 The added ONVIF Video Source (Static) is as shown below.

Enter the DoorBird details, and Enter the IP address of DoorBird in the URL. Enter the DoorBird Username and Password for the SIP user created earlier in section 1. Click on Apply to save the details.

Video Source/Camera	a : ONVIF Video Source (Static)	
Name	ONVIF Video Source (Static)	
Location	< NONE >	•
System #	2829	
Status Color Coding	Enabled	*
Status	Disconnected	
Driver Version	8.8 Build 52.0 Rel	
Driver Vendor	ELAN	
Installed	8/8/2024 2:11	
Device Type	ONVIF Video Source (Static) ()	
Powerlink	< NONE >	-
Serial Number		
Hardware ID		
URL	http://192.168.158.88/bha-api/video.cgi	
Username	abcdef0001	
Password	<del>24/XVZ</del>	
Zoom Type	Continuous	-
Flip Image 180°	No	-
Hide Full Screen Control	No	-
Goto Preset when Idle	< NONE >	-
ELAN Timeline OSD	Тор	-
Remote Mode	Passthrough	-
Transcoder Res	< SELECT >	~
ONVIF Settings		
Apply		



#### 2.5 The Added DoorBird other details automatically updated and Status will display OK

	ONVIE VIGEO Source (Static)	_
_ocation	< NONE >	•
	2829	
Status Color Coding	Enabled	-
itatus 🤇	Ok	
viver Version	8.8 Build 52.0 Rel	
	ELAN	
	8/8/2024 2:11	
	ONVIF Video Source (Static) ()	
	< NONE >	Ŧ
Serial Number		
	http:// <sup>192.168.158.88</sup> /onvit/device_service	
	abcdef0001	
	xyzxyz	
	Continuous	
ip Image 180°	No	*
ide Full Screen Control	No	*
	< NONE >	Ŧ
LAN Timeline OSD	Тор	
	Passthrough	-
Remote Mode		

2.6 Go to messaging --> In the Intercom Devices --> SIP user is displayed(The same SIP user used in Step 1.4 ).

System	🎽 Global Op	tions		
	🗏 😴 Communi	cation Devices		
Security	SE ELAN S	IP Server		
Climate	Telephone	Systems		
Cimate	Empil Acc	Devices		
Lighting	Email Acc	ssanes (Outbound)		
	Remote S	lystem		
Content	Door Bell			
Media	🗏 🗐 Push Mes	sages		
in conc	A) My Mes	sage		
Video	Calendars			
Magazzina	Calendar	Groups		
messaging	EF Custom P	ages		
Global Option	is Deviana	Device : sip:D21		
ELAN SIP S	on Devices Server	Norm	sixd11	
Telephone Sy	stems	Name	2742	
Intercom Devi	ces	System #	ZI4Z	
		Status Color Coding	Enabled	<u> </u>
		Status	R R Build E2 0 Rel	_
_		Driver Version	CLAN	
sip.d11		Driver Vendor	7/24/2024 5-26	
Options		installed	CID Station	
Email Messa	ges (Outbound)	Device Type	all alabori	
Remote Syst	em	Powenink	sindl1	<u> </u>
Door Bell		Contact	Section and Marco and	and the disclose of
Push Messag	jes o	User Agent	Doorbird Version and MAC addre	ss will be displayed
Calendars	·	Address	192.168.158.88	
Calendar Gro	ups	Silence Suppression	No	
E Custom Page		Enable Monitor	Tes	-
		Enable HW Accel	Yes	<u> </u>
		Enable Audio Transcode	No	<u> </u>
		Enable Video Transcode	No	<u> </u>
		Video	Built-In	-
		Preview	Built-In	•
		Push-To-Talk		
		PTT Mode ITP class tour		
		PTT Mode TP class touc		



2.7 Go to Options --> Select Device, Give a name for DTMF. Click on Apply.



2.8 After finishing above settings, Call from DoorBird to Nice device to check the SIP communication. You can answer the call, Click on Key Symbol to open the door OR decline the call.





### 3. SETTING UP THE NICE DEVICE FOR THE DOORBIRD VERSION ABOVE 144

3.1 Connect Nice device to Power Supply and LAN connection to Local Network.

3.2 Open the Nice Management Cloud and Login with your credentials.

	Nice Management Cloud	
USERNAME		
example@gmail.com		
PASSWORD		
• •••••		۲
Save Username		
	Login	
Forgot Password?	Legal	Quick Connect

3.3 Go to Quick Connect --> Select your controller and Save Controller.Click on Configuraor v2.

Nice	Saved Controllers			i.
	Quick Connect			
থ ত		Saved Cont	rollers Local Controllers	
•	System Name No	otes Type	Remote Address Version	Action
		3		× 9 m
	ab-cd-ef-gh-ij			/ 9 =
G	$\supset$	Previous Page 1	of 1 10 rows v Next	
* `;;;	Controller Access			
	SYSTEM	PASSWORD (Optional)		
а.	ab-cd-ef-gh-ij		● Configurator	1
+	Remember Password	Save Contr	AND Configurator v2	

Note: D11 and D1812 device series Updated Firmware version: 144 D21 and D10 device series Updated Firmware version:145



3.4 Configurator v2 will be displayed as below.

System	📴 Basic Information	
Security	👼 Backup/Restore	
Climate		
Lighting	Sector Controllers	
Content	Discovery	
Media	🕒 System Time	
Video 🛑	📥 Location and Weather	
Messaging	🛞 Language	
Irrigation	System Modes	
Pool Control	Main Tabs	
Itilities	Modules	
Interface	Active Connections	
Interface	CPU	
	∠ Logs	
Event Mapper	Exceptions	
Layout	Connections	
	System	
	Configuration	
		Apply

3.5 Go to Video . Click on "+ Video Camera" to add a DoorBird.

System	Communication Devices	١	Video Cameras	
Security	🔚 Global Options			
Climate	Video Cameras			
Lighting	NVR/DVR Systems			
Content	😐 ELAN Onboard NVR			
Media	ELAN Extender NVR			
Video 🛛 🔵	Custom Pages			
Messaging 📕	interface Groups			
Irrigation				
Pool Control				
Utilities				
Interface				
Input/Output				
Event Mapper				
Layout				
			+ Video Camera	

- 3.6 Add the DoorBird in two ways -->
- Adding DoorBird as ONVIF Video Source (Dynamic).
- Adding DoorBird as ONVIF Video Source (Static). After adding DoorBird, Continue from Step 3.7

Note: Try First by adding DoorBird as ONVIF Video Source (Dynamic), if it is not worked then try by adding DoorBird as ONVIF Video Source (Static).



# Adding DoorBird As ONVIF Video Source (Dynamic)

a. Select ONVIF Video Source(Dynamic) --> Enter Username and Password of respective User(User1/User2/...).

System	Communic	ation Devices	Video Camera	is	
Security		ons Add Ne	ew Video Camera		
Climate	▷ 🔊 Video Cam		Dum anala)		
Lighting	Device Name	ONVIF Video Source (	Dynamic)		
Content	Name		Version	Vendor	
Media	AXIS 216FD		8.8 Build 52.0 Rel	ELAN	
Video	AXIS 240Q/241Q Port		8.8 Build 52.0 Rel	ELAN	
Messaging	AXIS M7001VE		8.8 Build 52.0 Rel	ELAN	
Irrigation	AXIS M7014 Port		8.8 Build 52.0 Rel	ELAN	
Ductor	AXIS M7014VE		8.8 Build 52.0 Rel		
Pool Conti	AXIS P5501		8.8 Build 52.0 Rel	ELAN	
Utilities	ELAN IP Camera		8.8 Build 52.0 Rel	ELAN	
Interface	Generic URL Video Cam	era	8.8 Build 52.0 Rel	ELAN	
In most (Out	ONVIF Video Source (Dy	/namic)	8.8 Build 52.0 Rel	ELAN	
Input/Outp	ONVIF Video Source (St	atic)	8.8 Build 52.0 Rel	ELAN	
Event Map	Panasonic Pro Series		8.8 Build 52.0 Rel	ELAN	
Layout	Vivotok Notwork Comor	105 - 7000/0000			
	Username	abcdef0001			
	Password	xyzxyz			
	Import	Show Unsupported Dev	vices	Cancel	Search

b. Click on Search --> DoorBird will display which is in the same network. Click on Install to add the DoorBird.

System	Communica	tion Devices		Video Cameras	;		
Climate		ons Mas 7E:00:82:6A	Inst	tall ONVIF Video Sour	ce (Dynamic)		
Install	Manufacturer	Model	Nai	me	Firmware	Serial No.	DHCPIP
Video Messaging Imigation Pool Contro Utilities Interface Input/Outpe Event Mapp Layout	Ird Home Automation	DoorBird_D2100EA		orBird_D2100EA	000145	1ABC2ABC3ABC	192.158.168.89
						Ca	ncel Install



c. The DoorBird will be installed, and the details of the DoorBird will be displayed. Verify the details and Click on Apply to save the Settings.

System	Communication Devices			
Security	Elobal Options			
Climate	Video Cameras	Name	ONVIF Video Source (Dynamic)	
Lighting	ì	Location	None	T
Content Modia	🖌 🛸 ONVIF Video Source (Dynamic)	Device Type	Bird Home Automation DoorBird_D2100EA	
Video	ONVIF Settings	System ID	2747	
Messaging 📕	💷 Outputs	Status Color Coding	Enable	•
Irrigation	▲ INVR/DVR Systems	Status	ok 🖉	
Pool Control	ELAN Onboard NVR	Driver Version	8.8 Build 52.0 Rel	
Utilities	ELAN Extender NVR	Driver Vendor	ELAN	
Input/Output	Interface Groups	Install Date	7/25/2024 2:34 AM	
Event Mapper		Powerlink	< NONE >	T
Layout		URL	http://192.168.158.89 a/onvif/device_service	
		Login Name	abcdef0001	
		Password	xyzxyz	
		Hide Full Screen		
		Hide Res Ctrl		
		NVR Overlay	Тор	T
		Rotation	0*	T
		Manufacturer	Bird Home Automation	
		Model	DoorBird_D2100EA	
		Firmware	000145	
		Serial		
		Hardware ID	IntercomDoorBirdPlus	
		Service URL	http://1192.168.158.89 /onvif/device_service	
		Apply		
		Apply		

## Adding DoorBird As ONVIF Video Source (Static)

a. Select ONVIF Video Source(Static) --> Click on Install.

Device Name	ONVIF Video Source (	Static)		
Name		Version	Vendor	
AvioSys Video Port AXIS 214PTZ AXIS 216FD AXIS 240Q/241Q Port AXIS 07001 AXIS M7001VE AXIS M7001VE AXIS M7014VE AXIS M7014VE AXIS P3301 AXIS P5512PTZ ELAN IP Camera Generic URL Video Cam ONVIF Video Source (D) ONVIF Video Source (St Panasonic Pro Series Panasonic Standard Set Vivotek Network Camer Vivotek Video Port on V	era mamic) atic) ies a 7xxx/8xxx ୧୨୬୦୨	8.8 Build 52.0 Rel 8.8 Build 52.0 Rel	ELAN ELAN ELAN ELAN ELAN ELAN ELAN ELAN	
Import	how Unsupported Dev	ices	Cancel	Install



b. Enter the DoorBird IP address in the URL, Login Name -->Enter the Username and Password of the respective User(User1/User2/...).

Name	ONVIF Video Source (Static)	
Location	None	▼
Device Type	Bird Home Automation DoorBird_D1102FV-S	
System ID	2814	
Status Color Coding	Enable	▼
Status	Ok Ok	
Driver Version	8.8 Build 52.0 Rel	
Driver Vendor	ELAN	
Install Date	8/1/2024 6:13 AM	
Powerlink	< NONE >	▼
URL	http://1192.168.152.58 Vonvil/cisvice_service	
Login Name	abcdef0001	
Password	хүгхүг	
Hide Full Screen		
Hide Res Ctrl		
NVR Overlay	Disable	▼
Rotation	0°	v
Manufacturer	Bird Home Automation	
Model	DoorBird_D1102FV-S-BRO	
Firmware	000144	
Serial		
Hardware ID	IntercomDoorBirdD11	
Service URL	http://192.168.158.88 /onvif/device_service	

Click on Apply to save the Settings.

3.8 Go to Messaging> In the Intercom D	Devices>SIP user is displayed(The same SIP user	used in Step 1.4).
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System	Communication Devices			
Security	ELAN SIP Server			
Climate	Intercom Devices	Name	sip:D21	
Lighting		Device Type	SIP Station	
Content		System ID	2742	
Video	🔺 🎆 sip:D21	Status Color Coding	Enable	
Messaging	Cutputs	Status	Ok	
Irrigation	Email Accounts	Driver Version	8.8 Build 52.0 Rel	
Pool Control	Remote Systems	Driver Vendor	ELAN	
Utilities	Poorbells	Install Date	7/24/2024 5:26 AM	
Interrace	Calendars	Powerlink		
Event Mapper	Push Messages		102 160 150 00	
Layout	Custom Pages	IP Address	192 . 168 .158. 89	
		Contact	sip:D21	
		User Agent	DoorBird/000145 (BUILD	17
		Video Stream Source		T
		Video Preview Source		T
		Enable Monitor		
		Enable HW Decoder		
		Silence Suppression		
		Audio Transcode		
		Video Transcode		
		PTT ELAN ITP screens		
		PTT ELAN TP screens		
		PTT ELAN HR40		



3.9 Go to Outputs --> Select Device , give a name for DTMF ,Select Type -->Toggle.

System	Communication Devices	sip:D21: Ou	Itputs				
Security	ELAN SIP Server						
Climate	Intercom Devices	Output	Device		Name	Туре	
Lighting			DTMF: sip:D21	v	lightpin	Toggle	•
Content	•	2	DTME: sin:D21	-	relavnin	Toggle	
Media		-	o mini aprozi		reid} pin	loggie	
Video 🛑	▲ Sip:D21						
Messaging	Outputs						
messaging	Semail Accounts						
Irrigation	📟 Email Messages						
Pool Control	Remote Systems						
Utilities	🖥 Doorbells						
Interface	Calendars						
Input/Output	🛅 Calendar Groups						
Event Mapper	📑 Push Messages						
Layout	Custom Pages						

3.10 Go to Outputs --> Select Device , give a name for DTMF ,Select Type -->Toggle. Click on "Apply, to save the Outputs(Will be displayed in the Nice client unit during SIP Call).

System	Communication Devices	sip:[	sip:D21: Outputs							
Security	ELAN SIP Server									
Climate	Intercom Devices	Ou	tput Dev	rice		Name		Туре		
Lighting		1	DT	/F: sip:D21	•	lightpin		Toggle	•	
Content		2	DT	E cio:D21	-	rolaunin		Toggla	-	
Media		4	011	nr. sip.021		relaypin		roggie	•	
Video 🛑	sip:D21									
Messaging	🚝 Outputs									
Irrigation	Email Accounts									
Pool Control	Remote Systems									
Utilities	1 Doorbells		Apply							
Interface	Color days		Abbia							

3.11 After finishing above settings, Call from DoorBird to Nice device to check the SIP communication. You can answer the call, Click on Key Symbol to open the door OR reject the call.





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 Nice devices (for technical issues), please contact the manufacturer directly via support : <u>https://na.niceforyou.com/support/</u>

### FIRMWARE INFORMATION

This manual was tested using the following versions:

1. Nice Model: EL-SC-100 system controller (Server) Model: TP7 touch panel(Client) Nice Configurator: Version: 8.8 Build 52.0 Rel

2. Door Bird IP Video Door Station:

Hardware device series: D21DKH-V2A Software Version: 000145

Hardware device series: D1102FV Software Version: 000144

Hardware device series: D101S Software Version: 000145