

### SYSTEM REQUIREMENTS

- DoorBird IP Video Door Station D10x/D11x/D21x Series.
- IP Telephone (Yealink T58A).
- Starface Cloud access.

## ADDITIONAL INFORMATION

The following guide will take you through the steps of setting up a DoorBird IP Video Door Station in connection with IP Telephone Yealink T58. Please make sure that the Yealink T58 device receives an IP address. Please also make sure that your DoorBird is online using this service: https://www.doorbird.com/checkonline

- DoorBird will communicate with Yealink through SIP Call using cloud service.
- During the call you can enable the DTMF to Open Door/Trigger Relay.

## 1. SETTING UP THE STARFACE CLOUD CONFIGURATION

1.1 Login to the nkkontor.starface-cloud.com portal using your cloud service ID and Password on browser (Firefox/Chrome).



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Login

24475759

Auto login

1.2 After logging into the portal successfully. double tap on Configuration icon the Configuration window will pop-up.



Note: In this Integration guide we used Yealink-T58A as the example for an IP Telephone.



1.3 In the phones section, click on "+" symbol to add the Yealink IP Telephone details.

2	⊑,	1	0	-		<u>රී</u> ස්රී		Đ	*	88	→[]
Call	Redirect	Call Lists	Addressboo	k Voicemail	Keys	Conference	STARFACE NEON	Fax Lists	Preferences	Configuration	Logo
-				18.0.0		-					
🥶 nk	kontor.starfac	e-cloud.con	n   STARFACE V	oIP Software — I	vlozilla Fire	tox					
0	🗛 🔤 http	os://nkkon	tor.starface-o	loud.com/cont	fig/display	/.do				☆ =	
Conf	figuration									0	0
0	System Sta	itus	List of config	gured phones						0	0
÷.	Users	[	Settings	Configured Phon	ID I	Display Se	curity IP-Range	restrictions	]		
ĉ	Groups										
8	Phones			26	arch	Roi	ws: 20 V			Page 1/1 2 2	
<b>B</b>	Modules		Device Typ	pe 🔺 Devi	ice Name	IP	Assig	ned Users	Active		
-	Mainer il									( 🖃	
	voicemail										

- 1.4 Device type: Choose the Yealink IP telephone series. Give a Phone name and choose one random password.
- 1.5 Choose Applied server address: nkkontor.starface-cloud.com. Enable Overwrite device config.

Con	figuration	X
0	System Status	Edit
ů	Users	Details Extended Settings
ĉ	Groups	Davice type: vealink-t58
<b>a</b>	Phones	Phone name: vealink Password: L9bDrofLP0u1KQeW Random Password
Ŵ	Modules	
-	Voicemail	
ĉ.	Conference	Location: Default
Ð	Addressbook	Autoprovisioning
712	Phone Numbers	Last provisioning: Last known device IP:
۳	Lines	Applied server address:
1	Routing	
•	Server	
1.1		

Note: Please enter the above phone name and password in the Username and Password for the Yealink Account registration settings (Section 3.3).



- 1.6 In the same window, click on Extended settings.
- 1.7 Choose NAT-->Yes, Codecs--> g722,alaw,ulaw,h264.

C A = https://nkkontor.starface-cloud.com/config/display.do							
Configuration	×						
System Status Edit	Ĩ						
Users Details Extended Settings							
Groups Extended Configuration							
Phones NAT: yes							
Wodules Codecs: g722,alaw,ulaw,h264							
Voicemail Door Intercom							
Conference							
Addressbook     O Enable     O Enable							
712 Phone         Camera URL:         Test Con           DTMF:         DTMF:	nection						
	1						
	Save Apply Cancel Close						

#### 1.8 Click on Apply, then Click on save.

OA	C A e https://nkkontor.starface-cloud.com/config/display.do							☆	≡	
Configur	ration								×	
Sys	tem Status	List	t of configure	ed phones					i	
i Use	ers	Set	ttings Confi	gured Phones ID D	isplay Securit	y IP-Range restrictions				
Gro Gro	oups			Search	Rows:	20 🗸	िर रि	Page 1/1	> >>	
🖀 Pho	ones									
🖗 Mod	dules		Device Type vealink-t58	Device Name vealink	IP	Assigned Users	Active	0	- X	
🐢 Void	cemail	<b>–</b>	70011111100	, comit		found found				
ំដំ Con	ference									ノ
Add	iressbook									

1.9 Click on "+" symbol to add the DoorBird details.

Note: Here DoorBird is added in the Phones because it Performs SIP phone functionality.



#### 1.10 Device type: Standard Sip.

Give a Phone name and choose one random password. Applied server address : nkkontor.starface-cloud.com

Configuration	X
System Status	Add New i
users	Details Extended Settings
Groups	Device type: Standard Sin Y Functionality: Phone Y
Phones	Phone name: doorbird Password: IR2CH02vbmYLF0lkl Random Password
🖗 Modules	
🕶 Voicemail	
Conference	Location: Default
Addressbook	Autoprovisioning
712 Phone Numbers	Last provisioning: Last known device IP:
Uines	Firmware version:
Routing	

Note: Please use the same Phone name & Password in the DoorBird App (SIP User & Password of the SIP settings in Section 4.2).

### 1.11 In the Extended Settings.

Choose NAT: Yes and Codecs : g722,alaw,ulaw,h264

Con	figuration	
0	System Status	Edit
ŝ	Users	Details Extended Settings
Ê.	Groups	Extended Configuration
<b>a</b>	Phones	NAT: yes
Ŵ	Modules	Codecs: g722,alaw,ulaw,h264
-	Voicemail	Door Intercom
ĉ	Conference	
Ð	Addressbook	C Enable O Disable
712	Phone Numbers	Camera URL: Test Connection DTMF:
	lines	

Note: It is not necessary to enter the Camera URL and DTMF, this will be enabled in the SIP settings of the DoorBird App.





- 1.12 Click on Apply, then click on Save. You will get the added phones as below. You can edit the details by clicking on edit symbol *f*.
- Note: You will get the Green tick only after completion of the Yealink and DoorBird Settings Please follow all the below configuration steps.

Configuration				×					
System Status	List of configured phones	List of configured phones							
Users	Settings Configured Phones ID Display Security IP-Range restrictions	Settings Configured Phones ID Display Security IP-Range restrictions							
Groups	Search Dower 20 V		Page 1/1						
Phones	Kows. 20 T		Fage 1/1						
Q	Device Type 🔺 Device Name IP Assigned Users A	Active							
W Modules	Standard Sip doorbird 10.0.0.0 model, Fingerprint	$\checkmark$	0	×					
Voicemail	vealink-t58 yealink 10.0.0.0 yealink, yealink	<b>V</b>	a	×					
Conference									
Addressbook				+					

### 2. USER REGISTERATION TO ADD INTERNAL PHONE NUMBERS

- 2.1 Go to Users section. Click on New User.
- 2.2 In Login Data, Login ID will be automatically generated, choose one Random Password. In User Data, Give First name, Last name, email-id, License Type --> User, Template -->STARFACE Standard.
- 2.3 Select one internal phone number of your choice from 11 to 99.
- 2.4 Choose Telephone Assignment as SIP/doorbird (configured DoorBird in Step 1.10).
- Note: All the configured Phones will be available in the Telephone Assignment.

Con	figuration	X
0	System Status	User: Register new
å	Users	Login Data
ĉ	Groups	Login ID: 4793 Password: Random Password
T	Phones	User Data
Ŷ	Modules	Last name: model First name: Fingerprint
-	Voicemail	E-mail: permission: Administrator
ţ.	Conference	License Type: User 🗸 Send credentials by e-mail: 🖌
0	Addressbook	Template: STARFACE Stan V
71 <sup>2</sup>	Phone Numbers	Phone Number Assignment
۳	Lines	23 External phone numbers:
1	Routing	24
۲	Server	25
~	Statistic	27
品	Interconnection	28
8	Security	
*+	Extended Settings	- none -
	STARFACE NEON/Connect	SIP/doorbird SIP/yealink



- 2.5 Click on Apply, then Click on Save.
- 2.6 In order to add the Yealink SIP user, please follow above steps from 2.1 to 2.3.
- 2.7 Then choose Telephone Assignment as SIP/Yealink (configured Yealink in Step 1.5).

#### 2.8 Click on Apply, then Click on save.

Configuration		×
System Status	User: Register new	i.
users	Login Data	
Groups	Login ID: 7630750	Password: ••••••••• Random Password
Phones	User Data	
🖗 Modules	Last name: yealink	First name: yealink
🕶 Voicemail	E-mail: ABCDEFGAMIL.COM	Permission: 🗌 Administrator
ំំំំំំ Conference	License Type: User	Send credentials by e-mail: 🕑
Addressbook	Template: STARFACE Stan V	
712 Phone	Phone Number Assignment	
Unes	Internal phone numbers:	External phone numbers: - none -
Routing	24	
C Server	25	
Statistic	27	
	28	
Security	Telephone Assignment	
<pre></pre>	- none -	]
STARFACE NEON/Connect	SIP/doorbird SIP/yealink	
		Save Apply Cancel
		Close

2.9 After Registering all the Phones you can see as below. Please make sure your entered details are correct. The internal phone number should be displayed.

0	System Status	List of reg	List of registered users						Ĩ		
ů.	Users	All Users	A-C D-F	Templates							
ĉ	Groups	[		Search	Rows: 20	V		Page 1/1			
1	Phones				Konsi [			, rage 1/1			
0		License	Last Name	<ul> <li>First Name</li> </ul>				DND			
4	Modules	- F	model	Fingerprint		20		I	$\times$		
••	Voicemail	- F	System	Cloud		10		Î	×		
â	Conference	- F	yealink	yealink		21	SIP/yealink	J	×		
1	Addressbook								+		

2.10 You can edit the details by clicking on Edit symbol 🖌 .



### 3. REGISTRATION OF YEALINK ACCOUNT

3.1 Login to Yealink website with entering the IP address on the browser (Firefox/Chrome).

Note: You can get the IP address of Yealink in General Settings on the Yealink Phone.

Sma	rt Business Phone SIP-T58	
	Login	
	Login	

3.2 Go to Register. Choose any account to register for Starface.

Y	ealink   158							
0	Status	~						
				Account	Account 5	?		
•	Account	^			Account 7	-		
	Degister			Register status	Account 8	?		
	Regisiei			Line Active	Account 9	2		
	Basic				Account 10			
				Label	Account 11	?		
	Codec				Account 12			
	Advanced			Display Name	Account 13	?		
	, avanced			Register Name	Account 14	0		
۲	Network	~			Account 15			
				Username	Account 16	?		
⊕	Dsskey	~						
•8	Fasturas			Password	••••••	?		
6	reatures	Ť						
\$	Settings	~		SF SEIVELT				
				Server Host		Port	5060	?
13	Directory	~						
_				Transport	UDP 💌	?		
9	Security	~		Same Everage	2000	0		
				Server Expires	3600	9		
				Server Retry Counts	3	?		
			5	SIP Server 2				
				Course Head		Dect		0
				Server HOST		Port	5060	

# DoorBird Connect Starface



- 3.3 Give a name for Label-->Starface Account, Display Name-->Starface, Register Name-->yealink, Username-->yealink, password-->Enter the same password (from the Section 1.5).
- 3.4 In SIP Server 1 enter SIP Host--> nkkontor.starface-cloud.com, port --> 5060,Transport --> UDP, Server Expires --> 120, Server Retry Counts --> 3.
- 3.5 Enable Line Active. Click on Confirm.
- 3.6 Check with the Register Status It should display Registered. If not, please check again the Inputs and Password.

Yealink I T	58				
<ol> <li>Status</li> </ol>	~				
Account	~	Account	Account 2 (Starface Acc : Re 💌	?	
Register		Register status	Registered	?	
Basic		Line Active	ON O	?	
Codec		Label	Starface Acc	?	
Advanced		Display Name	Starface	?	
Network	~	Register Name	yealink	?	
	~ _	Username	yealink	?	
		Password	••••••	?	
Features		SIP Server 1			
Settings	Ť	Server Host	nkkontor.starface-cloud.com	Port 5	060
L Directory	× i	Transport	UDP 💌	?	
Security	~	Server Expires	120	?	
		Server Retry Counts	3	?	
		SIP Server 2			
		Server Host		Port 5	060 🕜
		Transport		9	
			Confirm		

Note: Please enter the Phone name and password in the place of Username and Password which were entered during the Starface configuration.



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

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

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

4:21		R		
	Administration			
LOGIN			Q	
Admin name			828 862 862	
Admin password				
Save login		(		
				/

4.2 Choose "SIP Settings" from the menu and activate the "SIP active" switch. Enter SIP Proxy-->nkkontor.starface-cloud.com:5060

Enter SIP User and Password (Use Phone name and Password given in the Starface configuration).

4:21	'n.			4:21	
	SIP Settings	Save		SIP	
SIP SETTINGS	0		SIP SI	ETTINGS 🖤	
SIP activated			SIP act	tivated	
			SIP Pro	оху	
			SIP Us	er	_
		ľ	SIP Pa	ssword	_
			OPTION	NAL SETTINGS	
			Auth IE	)	_
			Display	y name	
			STUN	Server	_



- 4.3 If you want to Open Door/Trigger Relay during the call, then you can enable the DTMF and enter PIN.
- 4.4 If you want to call from Yealink to DoorBird, then enable Allow Incoming Calls. Enter the Internal phone number of Yealink in the Allowed SIP Users.
- 4.5 Save the SIP settings.





4.6 If Last Error code is 200 then the configured SIP Settings are correct Otherwise please check again for the entered details.

4.7 Go back to the main administration area, tap on "SIP Numbers", then tap "Add".

Note: Name --> Starface and SIP Address --> Yealink-Internal-PhoneNumber@nkkontor.starface-cloud.com:5060

4.8 Click on Save.



# DoorBird Connect Starface



To call from the DoorBird IP Video Door Station to the Yealink device, schedule for doorbell needs to be properly set up. Depending on the model of the DoorBird IP Video Door Station, choose one of the following options:

- A) For devices with single doorbell (e.g., DIOxx, etc.) in the administration area under "schedule for doorbell" from the settings menu. Select the appropriate button and tap "Schedule for actions". From this screen, tap the call symbol in the upper left corner, choose "SIP call" and fill out the schedule per your requirements.
- B) For devices equipped with a keypad (e.g., D21xx) in the administration area under "Keypad" in the settings menu. Select the appropriate key combination and go to "Schedule for actions". From this screen, tap the call symbol in the upper left corner, choose "SIP call" and fill out the schedule per your requirements.
- C) For all devices equipped with two doorbells (e.g., D11xx) in the administration area under "schedule for doorbell 1 or 2" in the settings menu. Select the appropriate key combination and go to "Schedule for actions". From this screen, tap the call symbol in the upper left corner, choose "SIP call" and fill out the schedule per your requirements.



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

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

### FIRMWARE INFORMATION

This manual was tested using the following versions:

1. Yealink Hardware device series: Yealink-T58A Firmware Version: 58.86.0.20

2. Door Bird IP Video Door Station:

Hardware device series: D21DKH-V2A Software Version: 000136

Hardware device series: D1102FV Software Version: 000136

Hardware device series: D101S Software Version: 000136