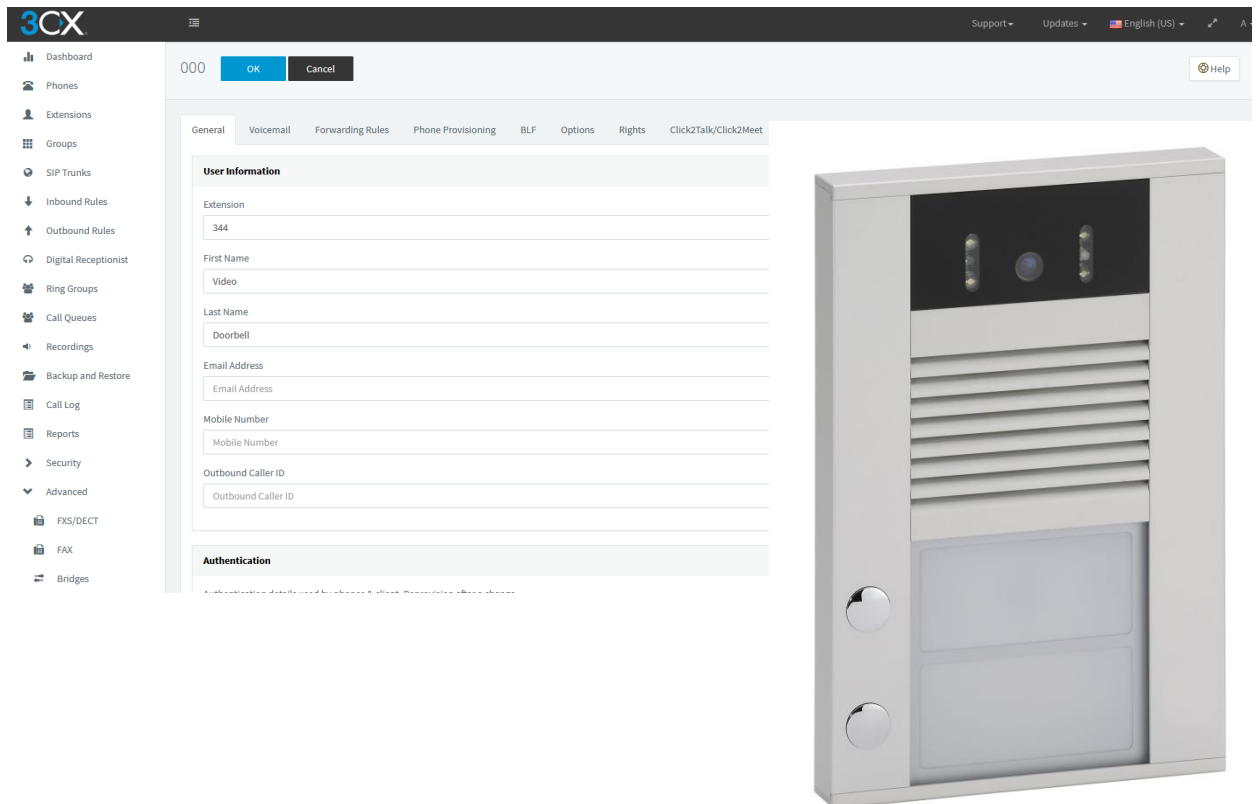


Alphatech Technologies

# Integration of IP video doorphone with the 3CX PBX

For 3CX V16



The image displays a screenshot of the 3CX PBX web interface. The top navigation bar includes the 3CX logo, a menu icon, and options for Support, Updates, and English (US). The left sidebar lists various system components such as Dashboard, Phones, Extensions, Groups, SIP Trunks, Inbound Rules, Outbound Rules, Digital Receptionist, Ring Groups, Call Queues, Recordings, Backup and Restore, Call Log, Reports, Security, Advanced, FXS/DECT, FAX, and Bridges. The main content area shows the configuration page for extension 000, with tabs for General, Voicemail, Forwarding Rules, Phone Provisioning, BLF, Options, Rights, and Click2Talk/Click2Meet. The 'User Information' section is expanded, showing the following fields:

- Extension: 344
- First Name: Video
- Last Name: Doorbell
- Email Address: [Empty]
- Mobile Number: [Empty]
- Outbound Caller ID: [Empty]

The 'Authentication' section is also visible but contains no data. To the right of the interface is a physical IP video doorphone device, which is a vertical, light-colored unit with a camera lens and microphone at the top, a speaker grille in the middle, and a display screen at the bottom.

# Integration with 3CX

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# Integration with 3CX

## Preamble

This manual is valid for following models of Alphatech Technologies IP video doorphones:

- IP BOLD
- IP VarioBell
- IP 65
- IP Bellv2
- IP Alphatech-Fermaxv2



The IP doorphone is a SIP client. As such it can be registered as to the 3CX PBX as a phone of the type “3CX App”. Note that provisioning is not possible at the time being.

### Manufacturer of the IP doorphones:

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# Integration with 3CX

## Setup in the 3CX PBX

Add a new extension:

- Assign a suitable extension number
- Assign a suitable „First Name“ and „Last Name“ to identify the doorphone. This name will appear on the phones that are being called. In our example “Video Doorbell”
- Email Address and Mobile Number are not required
- Outbound Caller ID can be defined if the doorphone is meant to place outbound calls (for example if you want to get calls after office hours and be able to identify the call by the phone number)
- Take a note of ID and Password
- You can use the mailbox function, in case you want a mailbox to answer a call from a visitor when nobody picked up the phone in time.
- You can use the forwarding rules. This is for example helpful in following situation: after xx seconds ringing nobody picked up 344 -> you now ring all (or an extended group) to make sure someone takes care of the visitor
- The IP doorphone cannot be provisioned at the time being. Please leave the phone type at “3CX App”.

The screenshot shows the 3CX PBX web interface for configuring extension 000. The interface includes a sidebar with navigation options such as Dashboard, Phones, Extensions, Groups, SIP Trunks, Inbound Rules, Outbound Rules, Digital Receptionist, Ring Groups, Call Queues, Recordings, Backup and Restore, Call Log, Reports, Security, Advanced, FXS/DECT, FAX, and Bridges. The main content area is titled '000' and has 'OK' and 'Cancel' buttons. Below the title are tabs for 'General', 'Voicemail', 'Forwarding Rules', 'Phone Provisioning', 'BLF', 'Options', 'Rights', and 'Click2Talk/Click2Meet'. The 'General' tab is active, showing a 'User Information' section with fields for Extension (344), First Name (Video), Last Name (Doorbell), Email Address, Mobile Number, and Outbound Caller ID. A QR code is displayed on the right side of the form, with a note: 'Scan this QR code from the 3CX Android or iOS app to provision it for this extension.' Below the 'User Information' section is an 'Authentication' section.

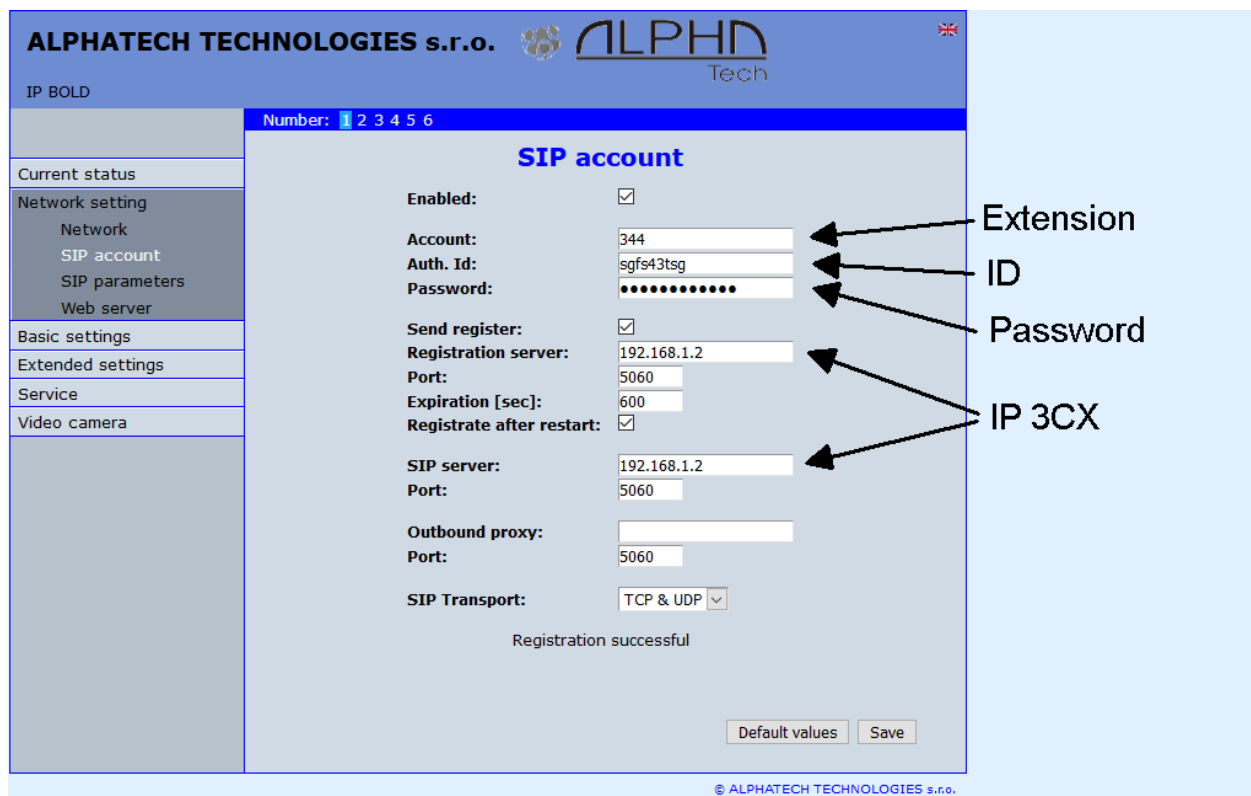
# Integration with 3CX

## Register the doorphone at the 3CX PBX

On the Web GUI of the IP doorphone, please go to Network setting -> SIP account

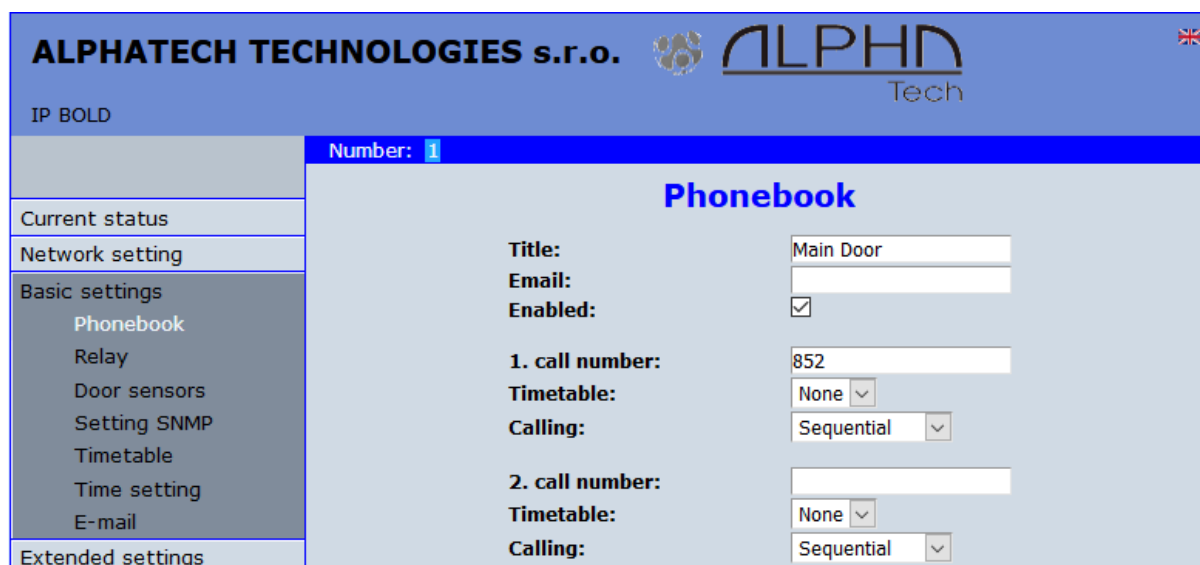
You will now need the extension number, along with the ID and password you noted.

Click on „Save“. If the input was correct, you will see „Registration successful“. Your doorphone is now an extension in your 3CX PBX.



## Define number

As a second step you define, which number should be called when someone rings. This is done in the menu "Basic settings -> phonebook". In our example this is extension 852 that is defined as Ring Group "Reception" in our 3CX PBX. Click on save.



# Integration with 3CX

## What you can do in your 3CX

Your IP doorphone is now registered to your 3CX PBX. As such you can make full use of all features that your 3CX system offers:

- Call a Person directly
- Call a Ring Group
- Use forwarding rules
- Ring mobile or other external number simultaneously
- Include a SIP Public Address System (Snom PA1)
- Use of the mailbox
- Call the doorphone from any extension (to proactively talk to a visitor at the door that did not ring)
- Use the keypad of doorphones with keypad, to directly call internal extension form the doorphone.

## Other possibilities

Beside the functionality of your 3CX, you have also other possibilities to integrate your IP doorphone:

### iBell Office for Windows

This Windows App registers as an extension in your 3CX. If included into the Ring Group, it will pop up on the PC screen and show the video of the visitor. At the same time you ring the normal desk phone and so you can speak to the visitor and if connected also open the door.

See manual in <https://www.alphatechtechnologies.cz/en/manuals>

### iBell Office for Android and iOS

This App registers as an extension in your 3CX. If included into the Ring Group, it will on the phone and show the video of the visitor. If connected also open the door.

See manual in <https://www.alphatechtechnologies.cz/en/manuals>

### Show the Video on the graphic phone display

This is currently possible on Snom (D735, D765, D785, D375 und D385) and Grandstream (GXV 3275. GXV 3370).

Please note: when automatically provisioned, this feature cannot be used, since provisioning overwrites the phones phonebook. This would be needed to activate the display of the visitor.

See manual in <https://www.alphatechtechnologies.cz/en/manuals>

# Integration with 3CX

## Configuring the IP doorphone with keypad

The SIP based IP doorphones “IP BOLD” and “IP VarioBell” are also available with keypad.



This would allow you to publish a phone directory at the front door. The visitor can then directly call the desired extension of the person he wants to speak. To configure this go to “Extended Settings -> DoorPhone”. Change “Keyboard mode:” to “Direct number entry (phone)”

A screenshot of the web management interface for an IP BOLD doorphone. The header shows 'ALPHATECH TECHNOLOGIES s.r.o.' and 'ALPH Tech'. The left sidebar contains a menu with 'Extended settings' expanded to show 'DoorPhone'. The main content area is titled 'DoorPhone' and contains various configuration options. The 'Keyboard mode' dropdown menu is set to 'Direct number entry (phone)', with a black arrow pointing to it. Other settings include Ringing timeout (30), Maximum call duration (120), and various light intensity and threshold settings. At the bottom right, there are 'Default values' and 'Save' buttons. The footer contains the copyright notice '© ALPHATECH TECHNOLOGIES s.r.o.'.