

Algo Device Registration Guide

FortiVoice Cloud



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Change log

Date	Change Description
2025-07-03	Initial release of the FortiVoice Cloud Algo Device Registration Guide.

Registering Algo devices with FortiVoice Cloud

Algo provides a number of IP devices that can be used with FortiVoice Cloud. Devices such as doorphones, intercoms, and alerters (strobe lights and speakers) can be configured as generic extensions for compatibility.

This guide explains how to register and configure the following Algo SIP endpoint devices with FortiVoice Cloud:

- 8028 IP Doorphone
- 8036 SIP Multimedia Intercom
- 8138 IP Color Visual Alerter
- 8180 IP Audio Alerter

Configuring a generic extension

To configure Algo devices as generic extensions in FortiVoice Cloud, log in to the FortiVoice Cloud admin portal and complete the following steps:

1. Go to **Extension > Extension > IP Extension**.
2. Click **New**.
3. In the **Number** field, enter the extension number.
Make a note of the new extension number as you will need it to register the Algo device.
4. In the **Display name** field, enter a name for the extension.
5. Under **Device Setting > Type**, select **Generic**.
6. Click **Create**.
7. To retrieve the extension registration information, select the newly-created extension and click **Edit**.
8. Under **Device Setting**, click **View SIP Configuration**.
9. Make a note of the following information which you require to register your Algo device:
 - Username
 - Password
 - Server
 - Port

For more information, see the section [To create or edit an IP extension](#) in the [FortiVoice Cloud Advanced Administration Guide](#).

Registering the Algo 8028 IP Doorphone



For more information, see the Algo 8028 IP Doorphone User Guide at www.algosolutions.com.

To register the Algo 8028 IP Doorphone (Controller + Intercom) (G2) with FortiVoice Cloud, complete the following steps:

1. Obtain the IP address of the device by pressing the call button or using the Algo Network Device Locator which you can download from www.algosolutions.com.
2. Enter the IP address of the device in a web browser.
3. Enter the default password `algo`.
4. Set the registration period for the device to 60 seconds:
 - a. Go to **Advanced Settings > Advanced SIP**.
 - b. Under **Register Period (seconds)**, enter `60`.
 - c. Click **Save**.
5. Under **Basic Settings > SIP**, configure the following settings using the SIP configuration for the extension from the FortiVoice Cloud admin portal (see [Configuring a generic extension on page 6](#)):

Algo field	Description
SIP Domain (Proxy Server)	The server (for example: <code>f1234567890-sip.fortivoice-cloud.com</code>)
SIP Extension	The extension number
Authentication ID	The username
Authentication Password	The password
Display Name (Optional)	The display name configured as a caller ID for the device
Extension to Dial	The extension number that is dialed when someone presses the call button on the doorphone

6. Click **Save**.
The device registers with FortiVoice Cloud.
7. To verify the registration status, go to **Status > Device Status > SIP Registration**.

Registering the Algo 8036 IP Multimedia Intercom



For more information, see the Algo 8036 IP Multimedia Intercom User Guide at www.algosolutions.com.

To register the Algo 8036 IP Multimedia Intercom with FortiVoice Cloud, complete the following steps:

1. Obtain the IP address of the device from the screen of the device or using the Algo Network Device Locator which you can download from www.algosolutions.com.
2. Enter the IP address of the device in a web browser.
3. Enter the default password `algo`.
4. Set the registration period for the device to 60 seconds:
 - a. Go to **Advanced Settings > Advanced SIP**.
 - b. Under **Register Period (seconds)**, enter `60`.
 - c. Click **Save**.
5. Under **Basic Settings > SIP**, configure the following settings using the SIP configuration for the extension from the FortiVoice Cloud admin portal (see [Configuring a generic extension on page 6](#)):

Algo field	Description
SIP Domain (Proxy Server)	The server (for example: <code>f1234567890-sip.fortivoice-cloud.com</code>)
SIP Extension	The extension number
Authentication ID	The username
Authentication Password	The password
Display Name (Optional)	The display name configured as a caller ID for the device

6. Click **Save**.
The device registers with FortiVoice Cloud.
7. To verify the registration status, go to **Status > Device Status > SIP Registration**.

To enable users to dial an extension using the device

1. Go to **User Interface > General**.
2. Under **Global Settings**, set the **Number of Active Pages** to `1`.
3. Click **Save**.
A new tab displays beside the **General** tab.
4. Select the new **Page 1** tab.
5. Under **General > Template**, select **Button**.

6. Under **Button Page**, make sure **Button 1** is enabled.
7. For **Action**, select **Call**.
8. In the **Action - Call Destination** field, enter the extension number that will be dialed when someone taps the on-screen button.
9. Click **Save**.

Registering the Algo 8138 IP Color Visual Alerter



For more information, see the Algo 8138 IP Color Visual Alerter User Guide at www.algosolutions.com.

To register the Algo 8138 IP Color Visual Alerter with FortiVoice Cloud, complete the following steps:

1. Obtain the IP address of the device from the Dynamic Host Configuration Protocol (DHCP) server of your router or firewall.
Alternatively, you can use the Algo Network Device Locator which you can download from www.algosolutions.com.
2. Enter the IP address of the device in a web browser.
3. Enter the default password `algo`.
4. Set the registration period for the device to 60 seconds:
 - a. Go to **Advanced Settings > Advanced SIP**.
 - b. Under **Register Period (seconds)**, enter `60`.
 - c. Click **Save**.
5. Under **Basic Settings > SIP**, configure the following settings using the SIP configuration for the extension from the FortiVoice Cloud admin portal (see [Configuring a generic extension on page 6](#)):

Algo field	Description
SIP Domain (Proxy Server)	The server (for example: f1234567890-sip.fortivoice-cloud.com)
Alert Mode	Select Monitor “Ring” event on registered SIP extension .
Ring/Alert Extension or Base/Page Extension	The extension number. There are two types of extensions on the Algo 8138 and they behave slightly differently. Configure one type of extension based on your needs: <ul style="list-style-type: none">• Ring/Alert: Displays a light pattern when the Algo 8138 extension is called. The light pattern stops when the call is answered or when the caller hangs up.• Base/Page: Automatically answers the call and displays light patterns until the caller ends the call.
Authentication ID	The username

Algo field	Description
Authentication Password	The password
Display Name (Optional)	The display name configured as a caller ID for the device

6. Click **Save**.
The device registers with FortiVoice Cloud.
7. To verify the registration status, go to **Status > Device Status > SIP Registration**.

Registering the Algo 8180 IP Audio Alerter



For more information, see the Algo 8180 IP Audio Alerter User Guide at www.algosolutions.com.

To register the Algo 8180 IP Audio Alerter with FortiVoice Cloud, complete the following steps:

1. Obtain the IP address of the device by waiting for the blue LED to turn off and a tone is played, then pressing the **IP Addr** button on the back to play the IP address over the device speaker.
Alternatively, you can use the Algo Network Device Locator which you can download from www.algosolutions.com.
2. Enter the IP address of the device in a web browser.
3. Enter the default password `algo`.
4. Set the registration period for the device to 60 seconds:
 - a. Go to **Advanced Settings > Advanced SIP**.
 - b. Under **Register Period (seconds)**, enter `60`.
 - c. Click **Save**.
5. Under **Basic Settings > SIP**, configure the following settings using the SIP configuration for the extension from the FortiVoice Cloud admin portal (see [Configuring a generic extension on page 6](#)):

Algo field	Description
SIP Domain (Proxy Server)	The server (for example: f1234567890-sip.fortivoice-cloud.com)
Alert Mode	Select Monitor “Ring” event on registered SIP extension .
Ring/Alert Extension or Base/Page Extension	The extension number. There are two types of extensions on the Algo 8180 and they behave slightly differently. Configure one type of extension based on your needs: <ul style="list-style-type: none">• Ring/Alert: Plays a tone or message over the speaker when the Algo 8180 extension is called.• Base/Page: Automatically answers a call to the extension and plays the caller's audio through the speaker.
Authentication ID	The username
Authentication Password	The password

Algo field	Description
Display Name (Optional)	The display name configured as a caller ID for the device

6. Click **Save**.
The device registers with FortiVoice Cloud.
7. To verify the registration status, go to **Status > Device Status > SIP Registration**.



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