

## Items Needed

1. RCB2100-Series Analog Phone
2. Static IP address for VoIP Interface
3. IP address of SIP Server

**Note:** Address for VoIP Interface must be on the same network as SIP Server

4. Name, Authentication Password, and Authentication ID for SIP Extension
5. PC with Network Interface Card attached to same network as SIP Server
6. Battery backed up 12v power source
7. Standard Analog Telephone



## Setting Up VoIP Interface for Static IP Address

1. Supply power to the VoIP Interface using battery backed up 12 vdc source or PoE (using ABL-VOIPPOE)
2. Connect Ethernet Port of VoIP Interface to network using supplied Ethernet cable
3. Connect analog phone to **Phone** port on VoIP Interface
  - a. Lift handset of analog phone (dial tone should be heard)
  - b. Dial \*, \*, \*, to enter menu
  - c. Dial 0 , 2 , to have VoIP Interface playback current IP address (please write down for reference)
  - d. Dial # , 0 , 3 , to have VoIP Interface playback current subnet mask (please write down for reference)
  - e. Hang up analog phone
4. Change IP Address of computer to match IP address scheme of VoIP Interface
5. Turn off wireless card on computer (if applicable)
6. Log into VoIP Interface
  - a. Enter VoIP Interface IP address into web browser (Google Chrome or Mozilla Firefox is preferred)
  - b. Log into Interface  
LOGIN: **Admin** PASSWORD: **Admin**
7. Change IP Address Settings of VoIP Interface
  - a. Click **BASIC SETTINGS** under the menu options on the top of the screen
  - b. Under **IP Address**, click on circle next to **Statically Configure As**
  - c. Enter desired IP Address, Subnet Mask, and Default Router for VoIP Interface
  - d. Select proper time zone from drop down menu next to **Time Zone**
8. Click **APPLY** at the bottom of the page
9. Enter SIP Server information in VoIP Interface
  - a. Click **FXS Port** under the menu options on the top of the screen
  - b. Enter IP address of SIP Server in **Primary SIP Server** box
  - c. Enter SIP Extension ID in **SIP User ID** box
  - d. Enter Authentication ID in **Authenticate ID** box (can be the same as the SIP Extension ID)
  - e. Enter Authentication Password in **Authenticate Password** box
  - f. Fill in the **NAME** location as it will appear on the phone
10. Click **APPLY** at the bottom of the page, then click **REBOOT** to restart unit

## Testing VoIP Interface

1. After configuration, place a test call from analog phone connected to **Phone** port
2. If test call is successful, VoIP Interface is ready for operation
3. RCB2100 Phone can be plugged in at this time

**NOTE: See the AlphaRefuge™ 2100 series installation manual for complete wiring and programming instructions.**



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### **TYPICAL INSTALLATION AND PROGRAMMING INSTRUCTIONS for the ABL-VOIP VoIP Interface Unit**