2.4 Making a VoIP Call

There are two modes that you could configure the gateway for making VoIP calls. One is the Peer-to-Peer mode and another is GK routed mode. The configurations and functions are different. Please make sure about the mode you want and follow up the step to configure your gateway.

2.4.1 Configure the gateway into the Peer-to-Peer mode

1 Enter the H323 Configuration table and change the mode to Peer-to-Peer.

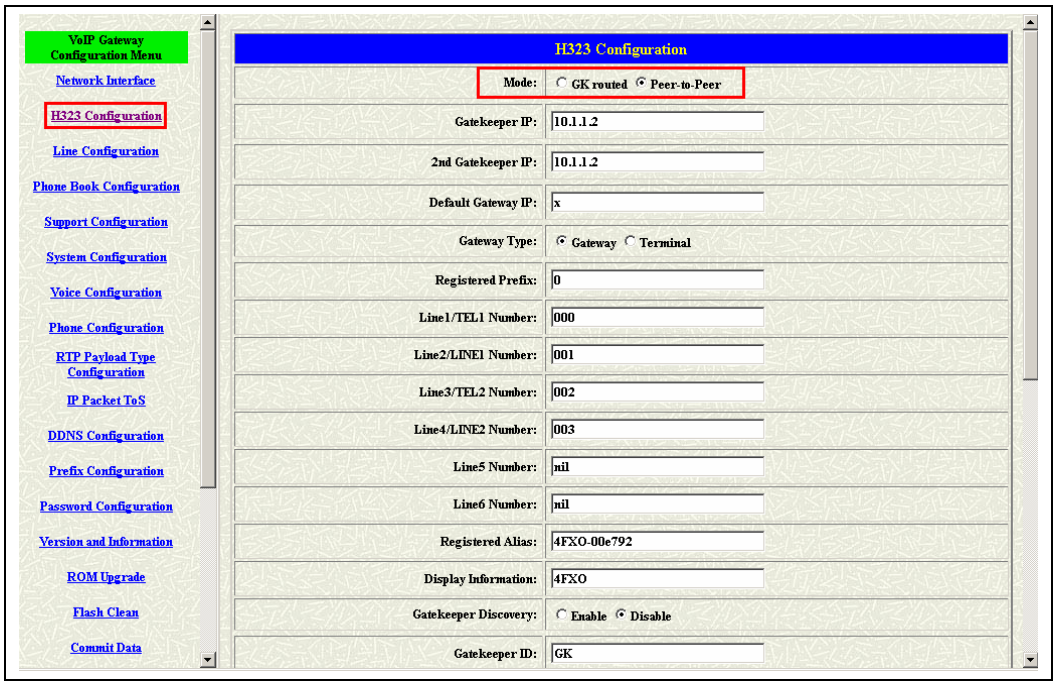

Figure 2.11: Configure the Peer-to-Peer mode

2 Press the OK button that is on the bottom of this page to save the configuration.

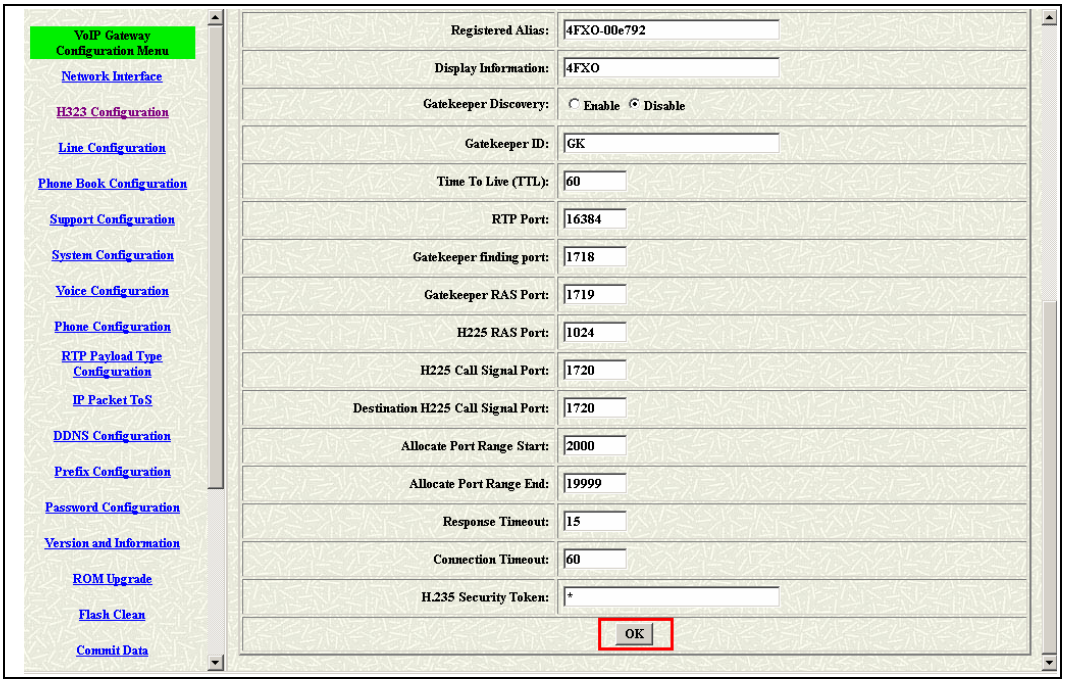

Figure 2.12: The OK button

3 Enter the Phone Book configuration table and configure the name, ip address and phone number of the destination.

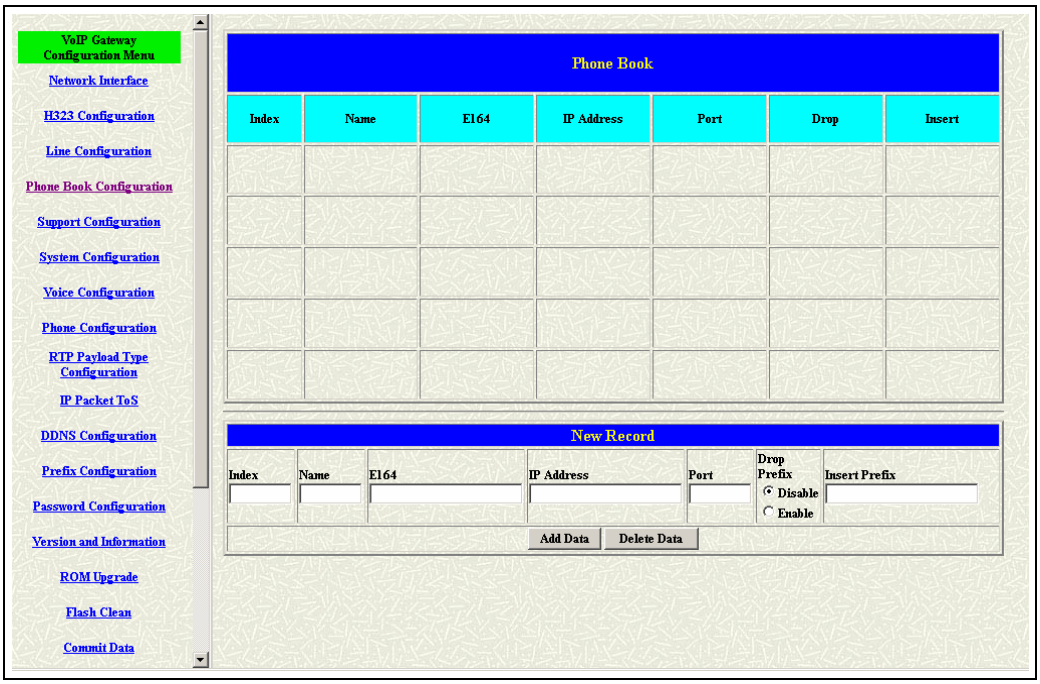

Figure 2.11: Phone Book

【Example】

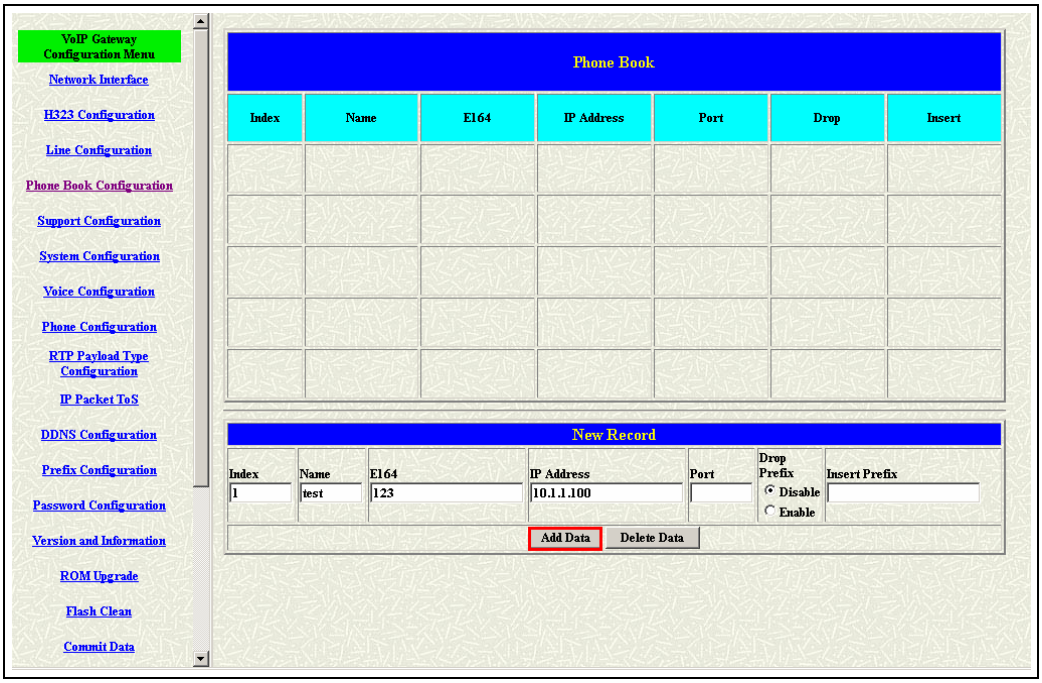

Figure 2.12: The example of Phone Book configuration

This is the first record of Phone Book. So the index is **1**

The name of the destination: **test**

The E164 number (phone number) of the destination: **123**

The ip address of the destination: **10.1.1.100**

4 Press the “Add Data” button when you finished, and the new table will display on the first index if you press the Phone Book configuration button.

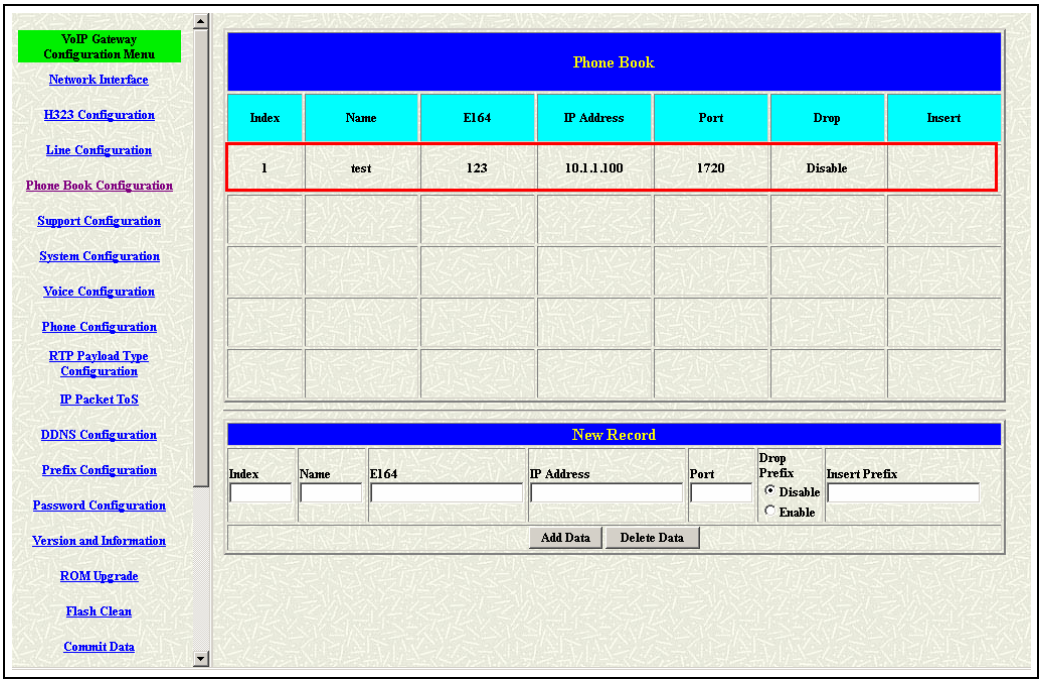

Figure 2.13: To show the Phone Book record

5 Please Commit it and Reboot the system if the configuration is finished.

Please make sure about that the FXO port was connected with the PSTN line or the extension line of the PABX before you start to make a voip call.

2.4.2 Configure the gateway into the GK routed mode

1 Enter the H323 Configuration table and change the mode from Peer-to-Peer to GK routed. To change the GK information from your service provider (Ex: The Gatekeeper IP, Registered Prefix and Registered Alias).

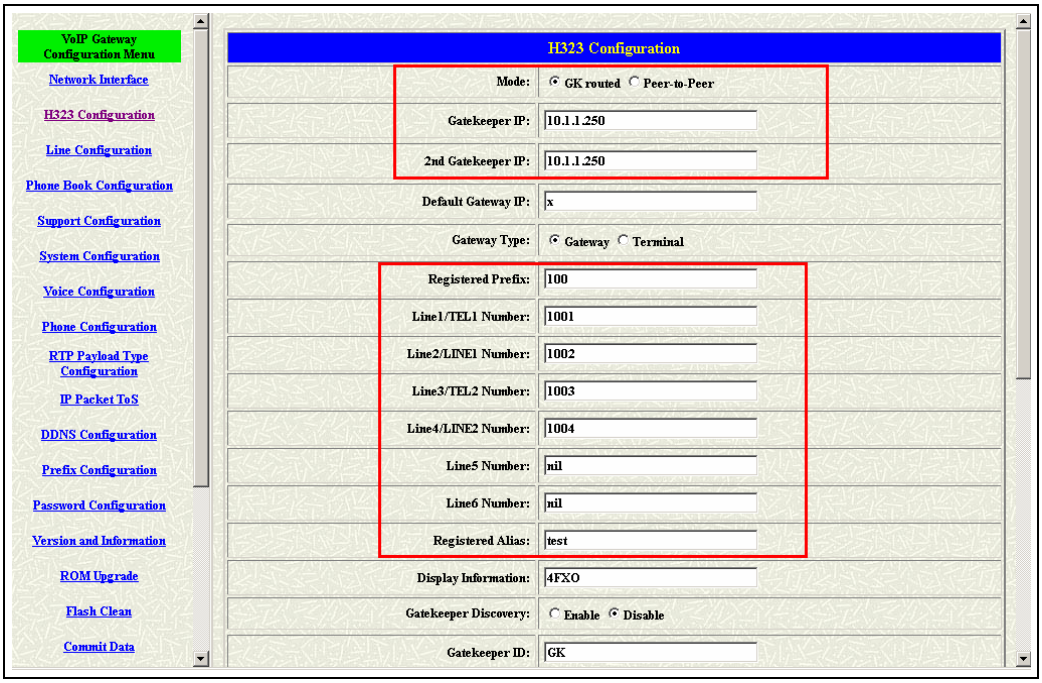

Figure 2.14: Configure the GK info

2 Press the OK button that is on the bottom of this page to save the configuration.

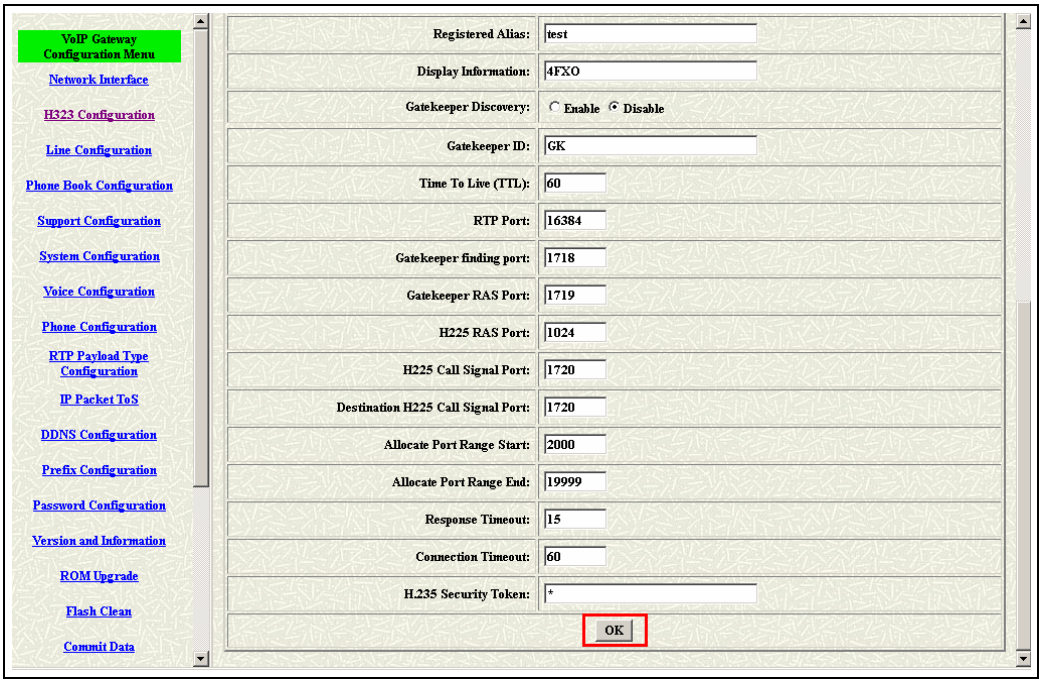

Figure 2.15: Press OK to save the data

3 Press the Commit Data and Reboot System buttons when you finished the configuration.

2.4.2.1 The type in GK routed mode

There are two types in the GK routed mode you could choose. One is Gateway type and another is Terminal type. There are some different functions, applications and configurations between the Gateway type and Terminal type. In FXO series gateway, the difference between the Gateway and Terminal type is for registering on the Cisco GK. The Terminal type is needed if the endpoints want to register on the Cisco GK successfully. But all the configuration and function is the same if you set the gateway in Gateway or Terminal type. Another difference is for the one-stage-dialing function. Only the gateway type could support the one-stage-dialing function.