

CO4 Analog Gateway

Quick Start Guide, document 96-00509-08

By factory default, the CO4 obtains its IP address from a DHCP server. Alternatively, you may assign a static IP address to the gateway or use PPPoE to obtain an IP address from your DSL provider. For most applications, you should statically assigned an IP address to the CO4.

1 Logging in

1. Power on the CO4.
2. Connect the CO4 to the LAN.
3. By factory default, the CO4 boots up and gets its IP address from a DHCP server. If you do not have a DHCP server, CO4 will boot up with 192.168.2.218 as its IP address (if this is the case, skip to step 7).
4. Connect port one of the CO4 to a PSTN phone line.
5. Call the phone number for the phone line you just connected to the CO4. For example, if the number for that phone line is 1-408-587-9333, call that number.
6. Once the call is established, you will hear a continuous ring tone. Press the # key twice to listen to the IP address.
7. Launch a web browser and enter the IP address of the CO4.
8. Enter the password to login. The default password is "0000".

2 Setting up an IP address

1. Click "Network Config."
2. Enter the IP address of your network's default gateway in the "Default Gateway" text entry field.
3. Select "Off" for "DHCP."
4. Enter the IP address for the CO4 in the "Ethernet IP Address" text entry field.
5. Enter the subnet mask of your network in the "Subnet Mask" text entry field.
6. You may also specify IP addresses for your DNS server and time server in this window.
7. Click the "Submit" button.
8. Click System Tools | Reboot to reboot the CO4.

3 Configuring the CO4 to work with a Zed-3 IP PBX

1. Log on to the CO4.
2. Click System Config.
3. Change the DTMF Method to "2833."
4. Click the "Submit" button.
5. Click SIP Config.

6. Enter the IP address and port of the Zed-3 IP PBX. (e.g. 192.168.1.50:5060)
7. Press the “Submit” button.
8. Click Dialing Plan | Routing Table.
9. In the Route Table, enter “IP x ROUTE FXO 1,2,3,4”.
10. Add a second route in the routing table, “FXO <Auto Attendant’s phone number> ROUTE IP <Proxy’s IP Address>:<Port>”. For example, use “FXO 9000 ROUTE IP 192.168.1.50:5060” if “192.168.1.50” is the proxy server’s IP address, 5060 is the port it uses for SIP, and 9000 is the extension for the auto attendant.
11. Press the “SUBMIT” button.
12. Click FXO Config | FXO 1.
13. Change Registration to “Off.”
14. Change Hotline to “On.”
15. Enter “9000” in the Hotline Number text entry field.
16. Change Dailtone to “Off.”
17. Click the “SUBMIT” button.
18. Repeat steps 11 to 17 for FXO 2, FXO3, and FXO 4.
19. Click Advanced Config | IP Config.
20. Change 2833 Payload Type to “101.”
21. Press the “SUBMIT” button.
22. Click System Tools | Reboot to reboot the system.

4 Configuring the SE30

After the setup, you need to make sure that your IP PBX is setup to receive calls from the CO4. The following is an example of how you would set up your SE30 to receive or make calls from the CO4:

1. Login to your SE30.
2. Access Provision | Trunk | IP trunk.
3. Enter a two digit number for Trunk ID. (e.g. 23).
4. Enter the IP address and port number of the CO4 in the Proxy Address and Outbound Proxy Address text entry field (e.g. 192.168.1.100:5060).
5. Press the “Add” button.
6. Access Provision | Route.
7. Create a new route. Enter “xxxx+”, or a digit pattern for which you want to use the FXO lines, in the “Digit Pattern” entry field and add the trunk you have just created to “Order.”
8. Press the “Add” button.