

Configuring Cyberdata Devices for use with Vodia Networks On Premise and Hosted Multi-tenant PBX Platforms

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Revision Information

Revision 931353A was on January 12, 2017.

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There are various ways to configure your Cyberdata SIP End Points but we are going to use the manual set up method.

1.0 Creating an Extension in Vodia Networks

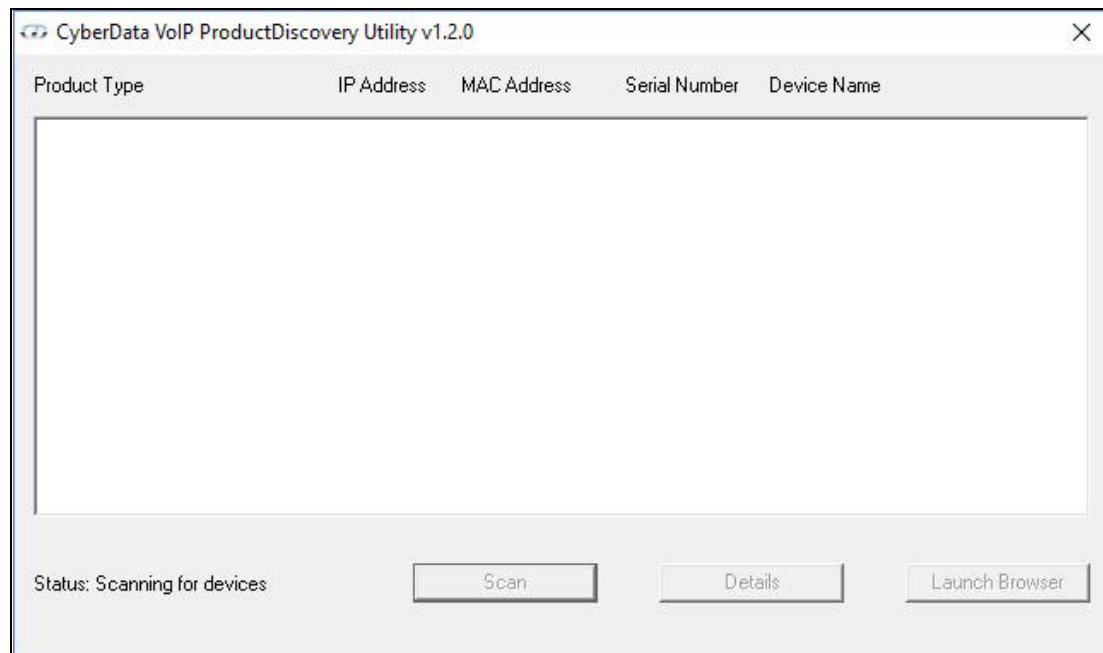
You can start by configuring the extensions in the Vodia Networks system. Log into your system and go to the correct sub domain required for connection of the Cyberdata SIP End Point/s.

All the appropriate extension/s as required with user ID and SIP password, save these and now go to the Cyberdata devices.

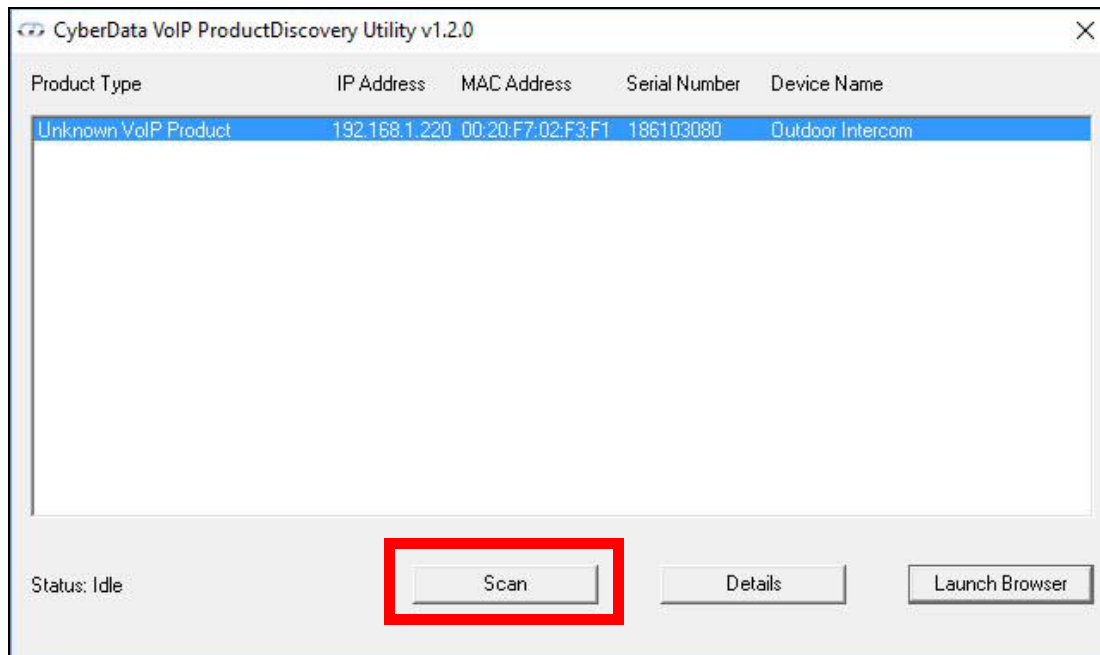
2.0 Provisioning Your Cyberdata SIP End Point

Make sure that your Cyberdata device is factory reset. If not, you can reset the Cyberdata device by pressing and holding the 'Reset' button for 5 seconds. You are now ready to start the process of manually provisioning the Cyberdata SIP End Point.

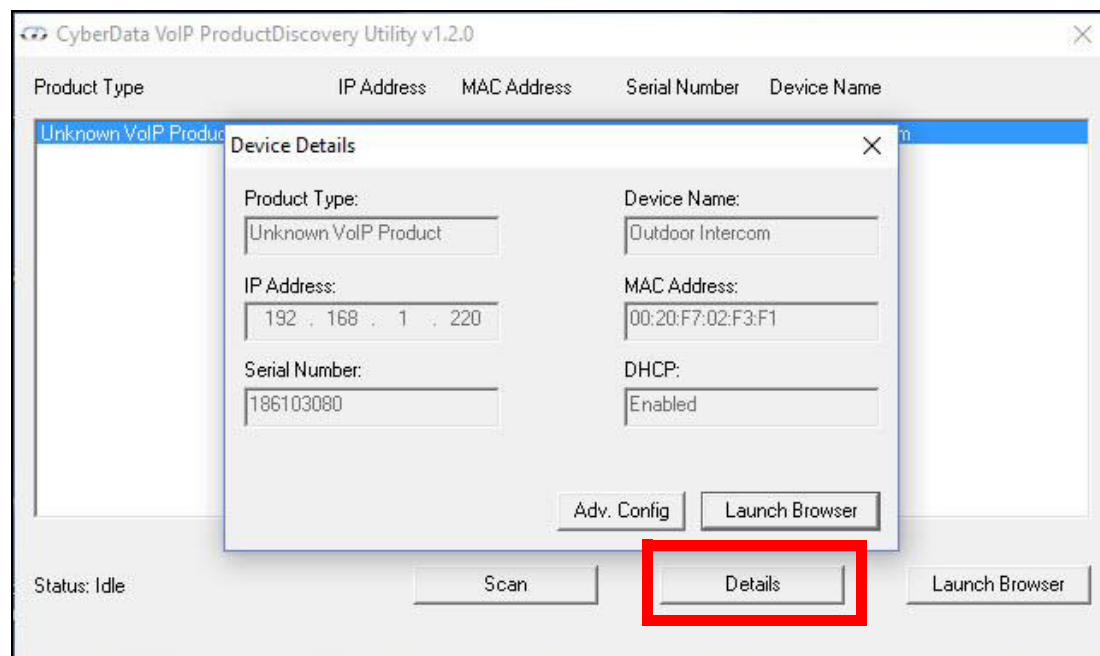
The easiest way to start is to download the Cyberdata Discovery tool. This will allow you to easily find the units you have started up on your local network. The Cyberdata Discovery tool is available [here](#). Open the Cyberdata Discovery Tool and you will see the following:



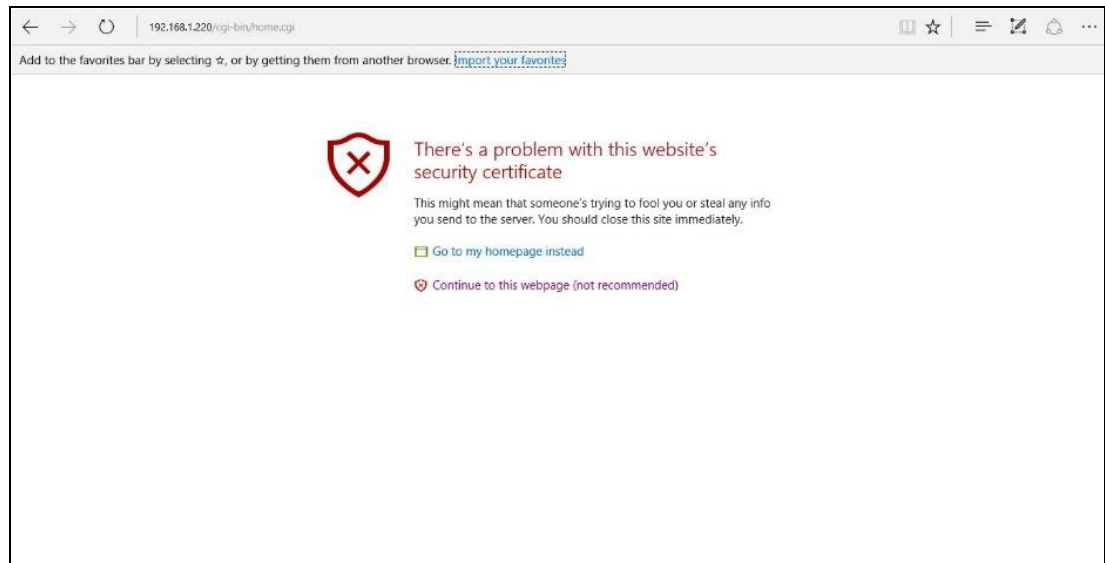
Click on the **Scan** button to see all Cyberdata devices available on the network.



You can check the details of the device by clicking on **Details**:



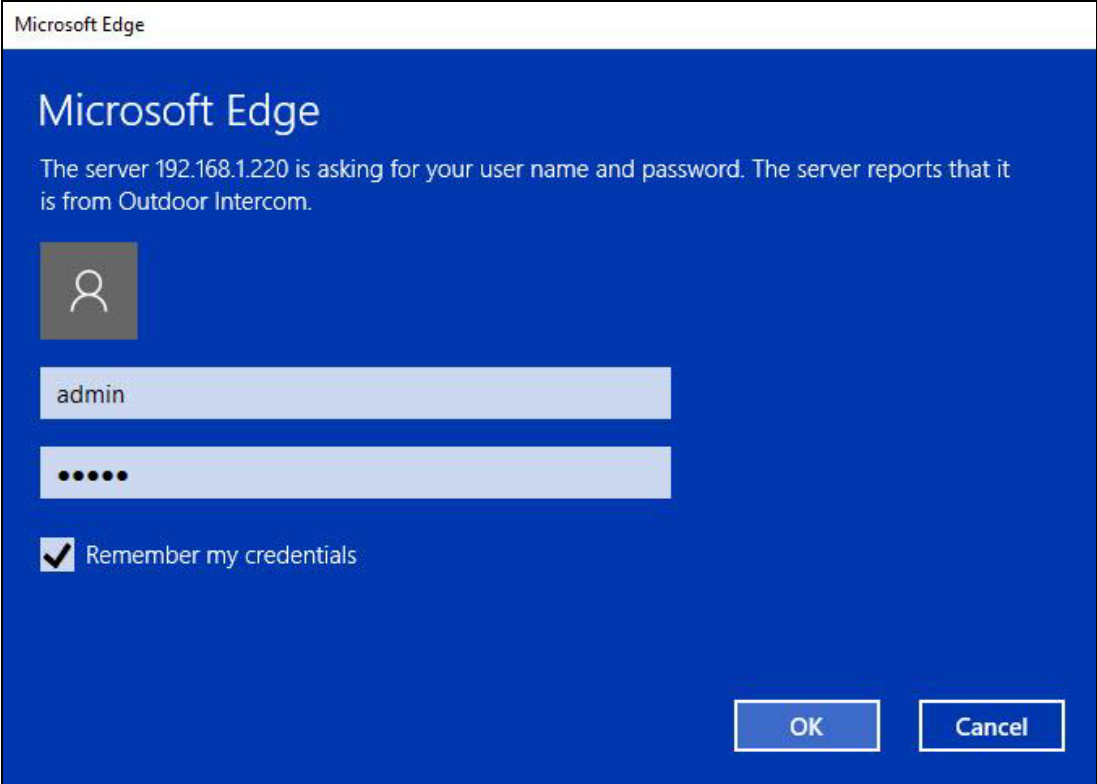
Now click on **Launch Browser** (see the previous figure) to go to the following:



Click on **Connect to the Web Site (Not Recommended)** (see the previous figure) to go to the following:

A screenshot of a Microsoft Edge login dialog box. The title bar says "Microsoft Edge". The main heading is "Microsoft Edge". Below the heading, there is a message: "The server 192.168.1.220 is asking for your user name and password. The server reports that it is from Outdoor Intercom." Below this message, there is a user icon (a person silhouette). Below the icon, there are two input fields: "User name" and "Password". Below the "Password" field, there is a checkbox labeled "Remember my credentials". At the bottom right, there are two buttons: "OK" and "Cancel".

If this is the first time logging in, the username is **admin** and the password is **admin**.



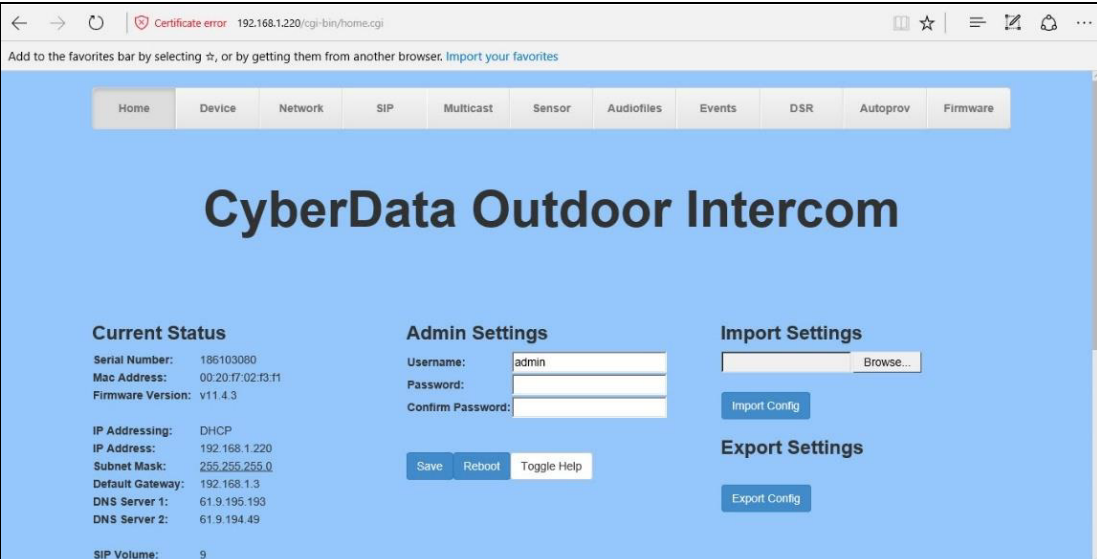
Microsoft Edge

The server 192.168.1.220 is asking for your user name and password. The server reports that it is from Outdoor Intercom.

☒ Remember my credentials

OK Cancel

You will now come to the home screen for the Cyberdata SIP device:



← → ↻ Certificate error 192.168.1.220/cgi-bin/home.cgi

Add to the favorites bar by selecting ☆, or by getting them from another browser. Import your favorites

Home Device Network SIP Multicast Sensor Audiofiles Events DSR Autoprov Firmware

CyberData Outdoor Intercom

Current Status

Serial Number: 186103080
Mac Address: 00:20:f7:02:f3:11
Firmware Version: v11.4.3

IP Addressing: DHCP
IP Address: 192.168.1.220
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.1.3
DNS Server 1: 61.9.195.193
DNS Server 2: 61.9.194.49

SIP Volume: 9

Admin Settings

Username:
Password:
Confirm Password:

Save Reboot Toggle Help

Import Settings

Browse...

Import Config

Export Settings

Export Config

For any of the Cyberdata products to operate correctly we generally only need to enter details in the **SIP** page. Click on the **SIP** menu button:



You will now see a page that looks like this:

 The screenshot shows two side-by-side configuration panels. The left panel is titled 'SIP Settings' and includes checkboxes for 'Enable SIP operation', 'Register with a SIP Server', and 'Use Cisco SRST', all of which are checked. It also has input fields for 'Primary SIP Server' (containing 'pbx.vodia.com'), 'Primary SIP User ID' (612), 'Primary SIP Auth ID' (612), and 'Primary SIP Auth Password' (masked with dots). Below these are fields for backup servers and users. The right panel is titled 'Nightringer Settings' and includes an unchecked 'Enable Nightringer' checkbox, and input fields for 'SIP Server' (10.0.0.253), 'Remote SIP Port' (5060), 'Local SIP Port' (5061), 'Outbound Proxy' (empty), 'Outbound Proxy Port' (0), 'User ID' (241), 'Authenticate ID' (241), 'Authenticate Password' (masked), and 'Re-registration Interval (in seconds)' (360). At the bottom right, there is a 'Dial Out Settings' section with 'Dial out Extension' (302) and 'Extension ID' (Rupert).

Make sure the following details are entered:

Enable SIP operation	Make sure this box is checked
Primary SIP Server	Enter the IP address or URL for the SIP server
Primary SIP Auth ID	Enter the extensions number used in the Vodia Networks
Primary SIP Auth Password	Enter the password you have entered for this extension in the Vodia Networks server.

You will also need to set the **RTP Port (even)** setting to **49152**.

Click on the **Save** button, and then click on the **Reboot** button.

 This screenshot shows a different section of the configuration page. It includes input fields for 'Remote SIP Port' (5060), 'Local SIP Port' (5060), 'Outbound Proxy' (empty), and 'Outbound Proxy Port' (0). There are also checkboxes for 'Disable rport Discovery' (unchecked), 'Unregister on Boot' (unchecked), and a 'Keep Alive Period' of 10000. A 'Re-registration Interval (in seconds)' of 360 is also shown. On the right, there is a 'Call Disconnection' section with 'Terminate Call after delay' set to 0. At the bottom left, the 'RTP Settings' section is highlighted with a red box, showing 'RTP Port (even)' set to 49152. At the bottom right, there are 'Save', 'Reboot', and 'Toggle Help' buttons.

Once the Cyberdata device has rebooted check the Home Page status to see that the device is registered and ready for testing and final operation.