

# Subject: Using CobraNet Discovery for Troubleshooting

## What you will need to complete this task;

- Download the latest version of CobraNet Discovery (Disco) found here; <http://cobranet.info/downloads/disco>
- Computer to install DISCO.

Set the computer to the correct IP Address range and subnet mask that has been selected for the CobraNet network or VLAN.

## Launch Discovery

By default, only 4 columns are shown. To enhance troubleshooting, it is recommended to add columns as shown below.



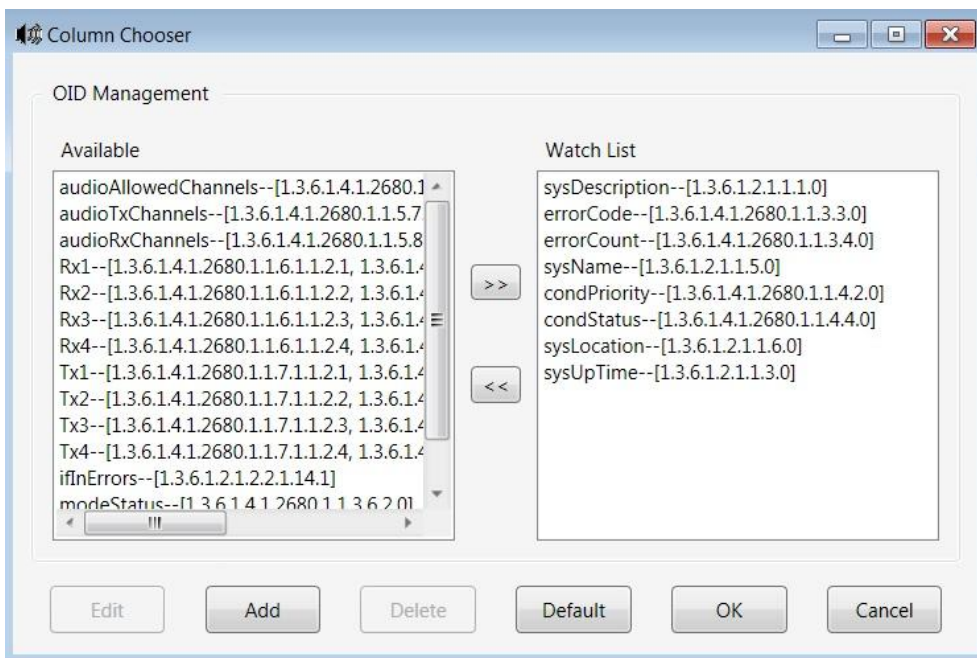
The screenshot shows the CobraNet Discovery application window. The title bar reads "CobraNet(tm) Discovery". The menu bar includes "CobraNet", "Edit", "View", "Tools", and "Help". The main window contains a table with the following columns: S, IP Address, MAC Address, sysDescription, errorCode, errorCount, sysName, condPriority, condStatus, sysLocation, and sysUpTime. The first row of data is highlighted in green and contains: S: [checkmark], IP Address: 10.17.2.49, MAC Address: 00602b0214e2, sysDescription: Peavey MediaMatrix CAB8i CobraNet version 2.9.12 Referlo rev 1, errorCode: 0x2F0002, errorCount: 0, sysName: CAB8i, condPriority: 32, condStatus: 1, sysLocation: Lab, and sysUpTime: 9 days, 3:25... At the bottom of the window, there is a status bar with the text "Status" on the left and "Devices: 1", "Active: 1", and "Dead: 0" on the right.

S	IP Address	MAC Address	sysDescription	errorCode	errorCount	sysName	condPriority	condStatus	sysLocation	sysUpTime
✓	10.17.2.49	00602b0214e2	Peavey MediaMatrix CAB8i CobraNet version 2.9.12 Referlo rev 1	0x2F0002	0	CAB8i	32	1	Lab	9 days, 3:25...

## Setting Columns:

Under “View” select “Column Chooser...”

Highlight the suggested columns on the left and move them to the right using the right arrows. Click OK.



### Setting Preference:

Under "**Tools**" select "**Preference**"  
Set "**Enable SNMP**" on.

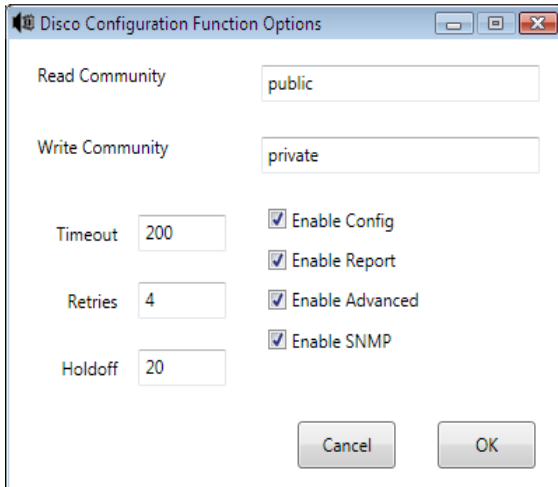
Optionally, also set;

"**Timeout**" to **200**

"**Retries**" to **4**,

"**Holdoff**" to **20**.

Our experience is these settings work best.



Click "**OK**"

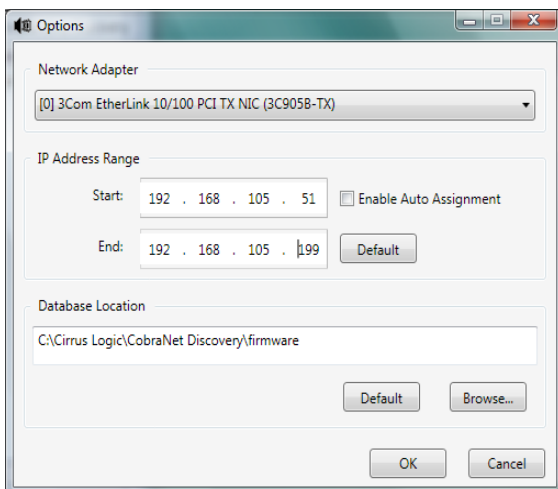
### Setting Options:

Under "**Tools**" select "**Options**";

Under Network Adapter, select the Ethernet NIC that is connected to the CobraNet network.

Under IP Address Range, the default range is normally valid, but always be checked to make sure. If not, a range that is within the subnet mask of the network, but does not include any static IP Addresses that may be used.

Once this is done, select "Enable Auto Assignment", which will grey out the IP Range.



Note: Many products will not keep a static IP when rebooted; check to confirm if a static IP can be used.