Set up new “device” without a monitor on the network

1. Get a router/switch [Blue Trendnet brand one in server room]
2. Connect the device to the router
3. Connect a laptop to the router
4. Power up the router
5. Power up the device
6. Using the laptop, open a web browser and type this address: 192.168.1.254 or 192.168.1.1 or 192.168.0.254 or 192.168.0.1 These are typical IP addresses of home type routers.
7. When you get the proper address, log in as admin with no password, or admin/admin.
8. Look in the advanced settings to find LAN DHCP settings, you’re looking for a list of the device. You should see the device and the laptop. Look at the device IP number and write down the MAC address shown next to the IP address.
9. Disconnect from that temporary network with the Blue Trendnet
10. Connect your laptop to the CU network Eduroam or wired.
11. In a web browser, go to labreg.clemson.edu
12. Click on the GCcom network.
13. Scroll to the bottom of all the computers listed, you should see a place to add a device manually.
14. Type the MAC address you got earlier. Before you click add- make sure the device is plugged into the network cable.
15. Click add device.
16. If you do not get an error “Device not found,” then add device worked.
17. Unplug the ethernet cable from the device, wait a minute, then plug it back in.
18. Then you need to scan the network to see what IP address was assigned.

Can’t find it? The you need to “arp’ it to find it.... Much more complicated...