# IPCAMPOWER

Thanks for your purchase of the IPCamPower POE Combiner / Splitter.
Hopefully this makes your installation (and your life) much easier!
If this works great for you, we would love a 5 star review. If you have an issue with the unit, please do not hesitate to contact us so we can solve the issue for you.

INSTALLATION

This thing is pretty simple to install. Just follow the diagram to the right and you are good to go. Just remember to use the weatherproof grommets on the camera end if you plan on exposing the splitter piece to weather.

Combine 2 PoE ports into 1 at the source

Split 1 powered cable into 2 at the site
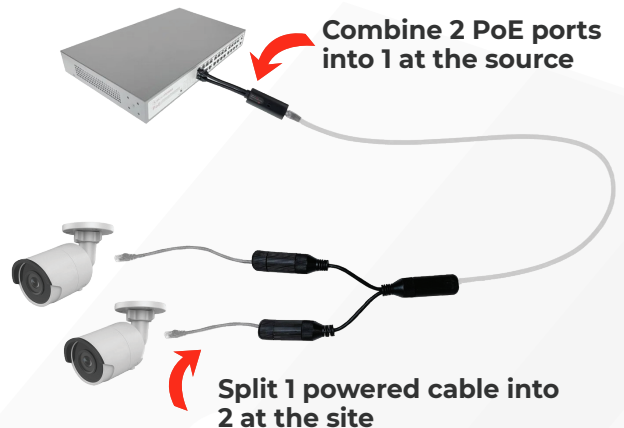
Set both toggles (1 and 2) to either Mode A or Mode B depending on which mode your POE switch or POE NVR uses.
To clarify, the toggles should be in one of these positions:
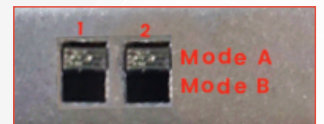
If you don't know what mode your switch uses , that's ok!
We will just go through a process of elimination by doing the following:

A Set both toggle switches to either of the 2 modes. Turn off your POE NVR / Switch and plug your combiner unit into the ports.

B Turn your POE NVR / Switch back on and wait atleast 5 minutes for your cameras to pop up.

C Did they show up? If so, great, you are done! If not, repeat the process but this time, switch the toggles to the other mode on step (a).

D Still not working? No problem, see our troubleshooting section.

Below are some common popular brands that we tested (please note that some brands may use different modes on different models so please only use this is a reference that could vary).

- If you are using a standard POE switch, this will most likely always be Mode A
- Hikvision POE NVR works with Mode B
- Uniview POE NVR works with Mode B
- Dahua POE NVR works with Mode A
- VIVOTEK POE NVR works with mode Mode A
- Nelly's R-Series works with Mode B

TROUBLESHOOTING

If you have tried everything but still not getting all cameras to work:

1 Go through all the steps in the instructions, but this time, instead of plugging both connections from the combiner unit into the switch at the same time, just plug one connection in first and wait for the camera to show up. Once it shows up, plug the other connection in and wait for the 2nd camera to show up. Wait atleast 5 minutes each time you plug a connection in. Remember to try both modes this way.

2 Have you already configured and setup your cameras to work on your system before adding the combiner/splitter? This is not a requirement but it's something we recommend if you are having trouble. Before ruling out incompatibility issues or a bad unit, please configure your cameras to your system without using the combiner/splitter in the installation. We just want to make sure your cameras are working without the splitter as a troubleshooting step that we can rule out. Once you configure your cameras and have them confirmed working, then go ahead and install the combiner/splitter.

3 Have you ruled out cabling or a possible bad RJ45 crimping issues? Test this by removing the combiner/splitter from the equation and test each camera on the one long cable run. If they don't work this way, then your issue lies in your cable or RJ45 Connections. Either your RJ45 connection is bad or you may have too long of a cable run (this adheres to standard cable run lengths of 100 meters from camera to switch.)

Still having trouble? Shoot us your issues at:

Sales@IPCamPower.Com   1-855-906-6498   www.ipcampower.com