PoE-over-Coax Adapter Kit

Thank you for using Pairtek patented DECA-200 PoE-over-Coax Adapter Kit, which enables transmission of both Ethernet and inline power of Power-over-Ethernet (PoE) over a coax cable.

SET UP

DECA-200 PoE-over-Coax Adapter Kit includes two passive PoE coax adapters, DECA-200A and DECA-200B. For connecting to a Power Sourcing Equipment (PSE) such as an PoE Ethernet Switch, DECA-200A is used if the PSE operates in "Mode A" of the PoE Standard , as shown in FIG.1, and DECA-200B is used if the PSE operates in the "Mode B", as shown in FIG.2. Either DECA-200A or DECA-200B can be used to connect to a PoE Powered Device (PD) such as an IP camera.

FIG.1 Set up of PoE-over-Coax Adapter Kit with a PSE of Mode A

If you don't know which mode your PSE operates, you can first try the set up of FIG.1. If it doesn't work, then try the set up of FIG.2.

TROUBLESHOOTING TIPS

• DECA-200 PoE-over-Coax Adapter Kit works only with a point-to-point coax connection. It would not work if there is a cable splitter with the coax cable.
• Keep the two Ethernet patch cables as short as possible, especially when the coax cable is long to avoid signal attenuations contributed by the two Ethernet patch cables.
• Always keep the two end devices connected. Leaving one adapter not being connected to an end device may cause unexpected results due to signal reflections. Power recycling the PSE (e.g. an PoE switch) is highly recommended upon completion of the set up.
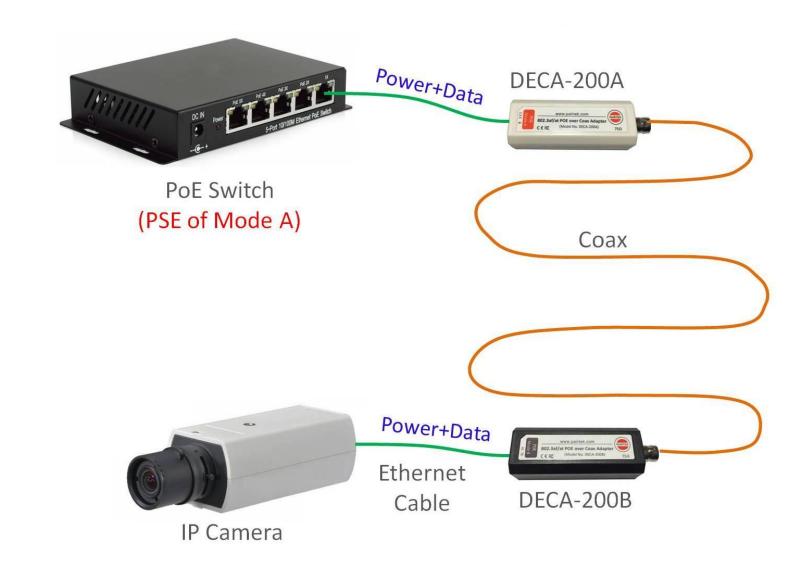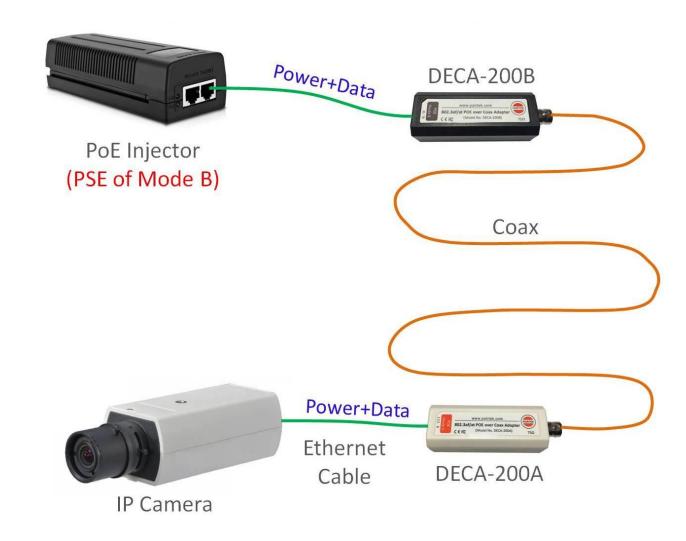

FIG.2 Set up of PoE-over-Coax Adapter Kit with a PSE of Mode B