Overview

Verkada's products are designed to be easy to install and get up and running quickly. They use Power over Ethernet (PoE) to receive power and data through an Ethernet cable on a local area network (LAN). PoE injectors convert a power cable and data cable into a single PoE output, which can be added to non-PoE network links. This solution can be mounted virtually anywhere and does not require significant changes to existing infrastructure.

With this design, we have reduced installation time and cost for customers by eliminating the need for electrical wiring or access to a proximal outlet. PoE injectors also allow for flexible deployment in any location, including remote locations, without compromising the design of the network based on power availability or physical site limitations.

Key benefits

- No need to run electrical wiring or have a nearby outlet
- Lower cost in materials and installation
- Quicker installation and simpler deployment
- Flexible installation for remote locations, with the ability to power devices from a distance of up to 100 meters

How to use

PoE injectors have three ports; a power input, a data input, and power/data output. To get a Verkada PoE enabled hardware up and running, follow these steps:

1. Connect an Ethernet cable from a non-PoE switch to the injector
2. Plug in the power cable
3. Run a third PoE cable from the injector to your Verkada PoE enabled hardware
4. Inspect the hardware to see if the power light has turned on, indicating a successful install