

How to use the camera's reverse power supply technology

Description: This document will show you how to connect mic use camera's reverse power supply

Note:

1. When POE power is configured, the external MIC can be supplied through the DC12 output tail line MIC power supply. This allows the external MIC to be connected without additional power.
2. Tiandy new POE camera from 2019 years and the PTZ camera of 12V supporting POE support reverse power supply;
3. Supply current 500 ma, associated with alarm, audio and other end line of strong

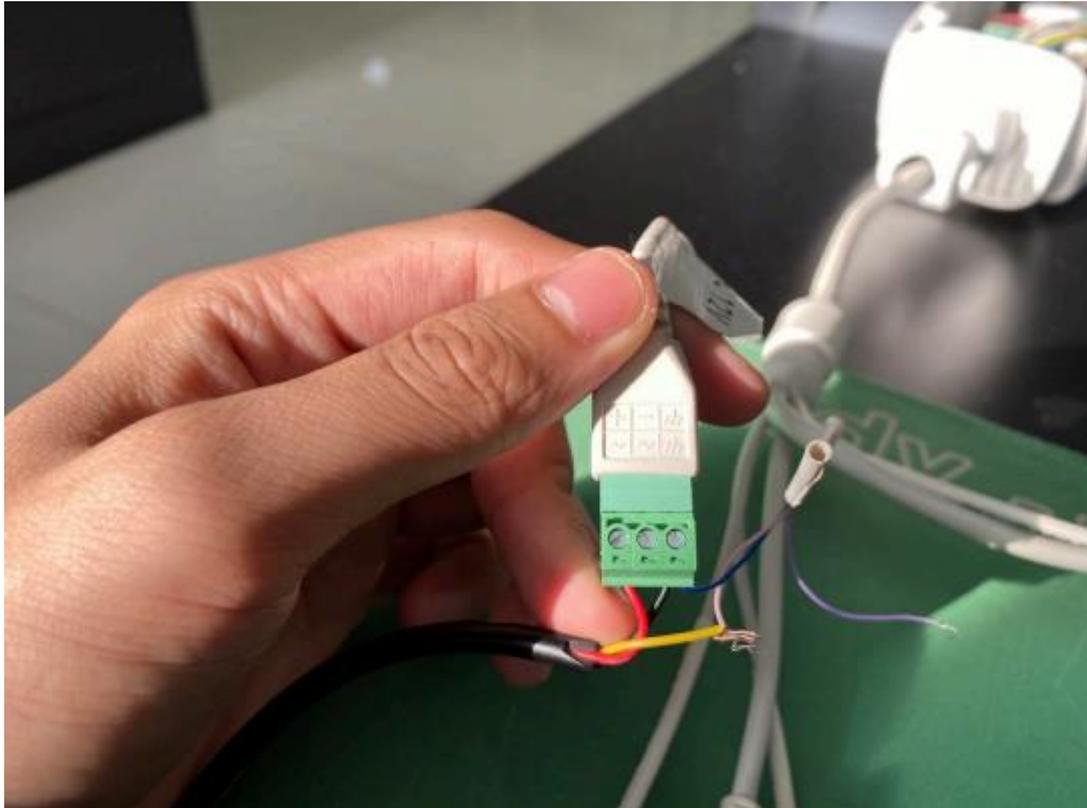
Prerequisites: You need to prepare a three-core wire like the follow picture



Section connection method

Next, I will take the audio input as an example to demonstrate the wiring method of the power loop out function

Find camera's audio in wire(pink) and GND wire(blue), and connect the pink wire of the camera with the yellow wire of the pickup, then connect the red wire of the pickup with the power supply interface + of the camera, finally connect the black wire of the pickup to the blue wire of the camera together and connect them with the power supply interface GND of the camera like the picture.



In this way we can power for mic by camera's reverse power supply, no need to power it alone.

But need to noticed, if at your environment don't have this requirement, we need to Provide insulation protection for the 12V power supply port