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Powering a Tattile Mobile LPR Camera

Standard Hardware

There are several pieces of gear that comprise the OPSCOM LPR system. A typical system includes the following items:

- 2-Tattile Mobile LPR Cameras with one connector cable per camera
- 1-PL8RDR Device 4G/LTE
- 1-4G/LTE Tablet
- 1-3" Bluetooth printer
- 1-RAM Universal No-Drill Tablet Vehicle Mount & Accessories

Each Mobile LPR camera will need a cable built to accommodate communication between the PL8RDR device and the camera.

Cables are best to be custom built in order to suit the logistics of what vehicle is being used and where the camera is located on the vehicle.

Note: *It is best practice to have the proper amount of cable so no coiling or stretching of the cable is required.*

Standard Power Cable

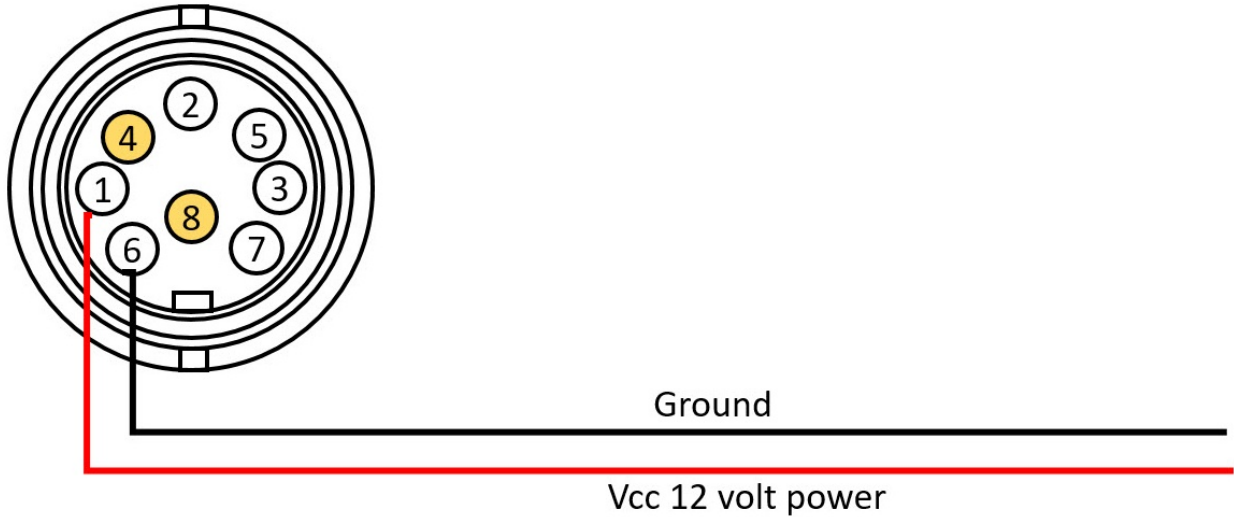
Used to supply power to the camera. The camera will connect to the PL8RDR computer wirelessly.

Parts Required for Each Cable

- BINDER M16 99-5672-19-08 series 423 connector (part code T18654)

- Power cable - RED/BLACK cable 0.50 mm cut to the proper length to accommodate the distance from the cable to the power source
 - *an inline fuse is suggested*

Note: Only pins 1 and 6 are used in this wiring setup.



This is the front view; holding the connector by the wires and viewing the terminals.

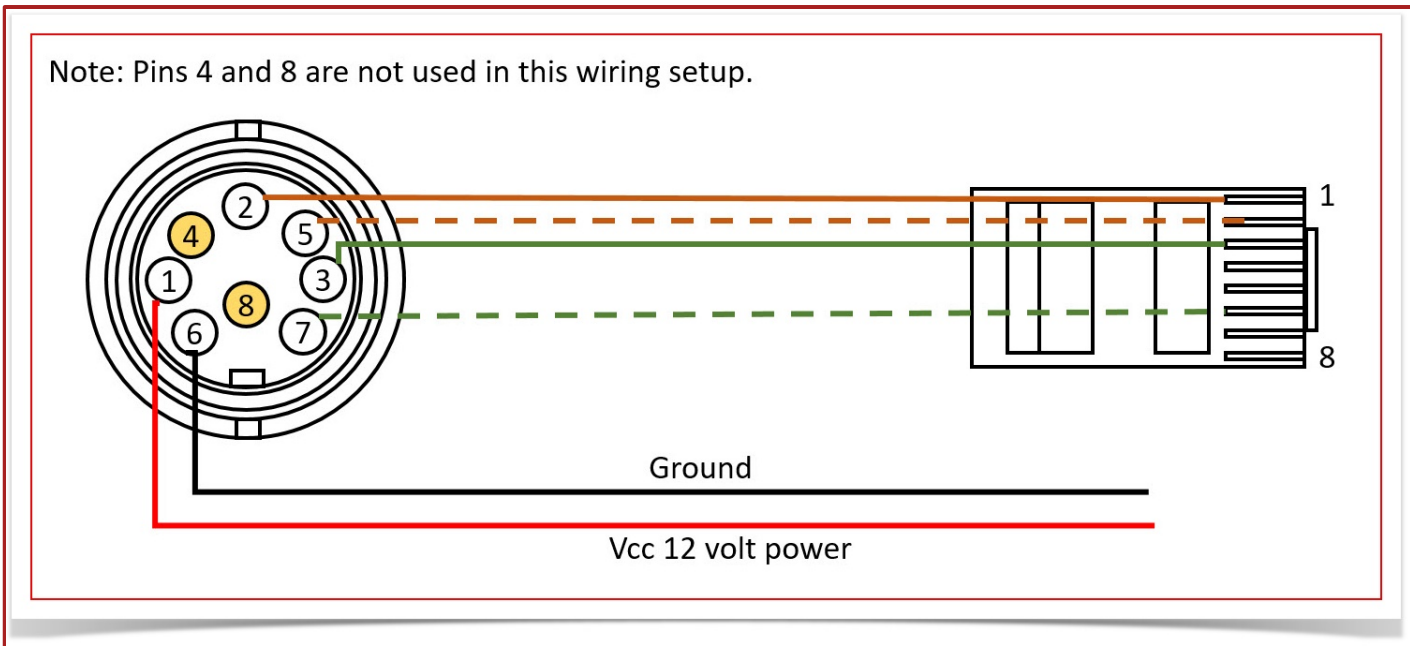
Advanced Cable For Troubleshooting

The following diagram represents how the cable should be wired in an advanced setup where the camera communicates with the PL8RDR through a standard ethernet cable.

This is more likely to be used in troubleshooting rather than typical operation.

Parts Required for Each Cable

- BINDER M16 99-5672-19-08 series 423 connector (part code T18654)
- Ethernet CAT5 cable cut the proper length to accommodate the distance from the PL8RDR to each Camera
- Power cable - RED/BLACK cable 0.50 mm cut to the proper length to accommodate the distance from the cable to the power source
 - NOTE: CAT cable can supply power on unused pair



This is the front view; holding the connector by the wires and viewing the terminals.