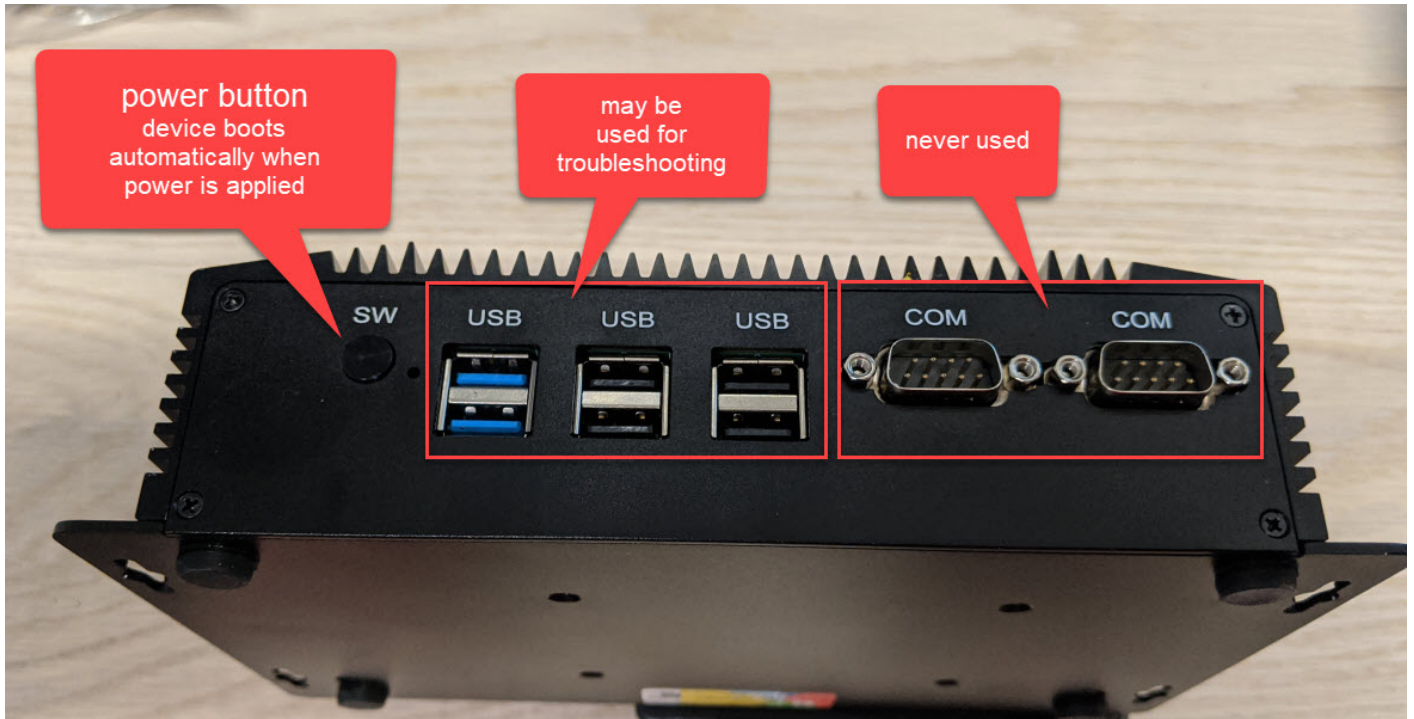


PL8RDR Mobile LPR

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PL8RDR Hardware Connections

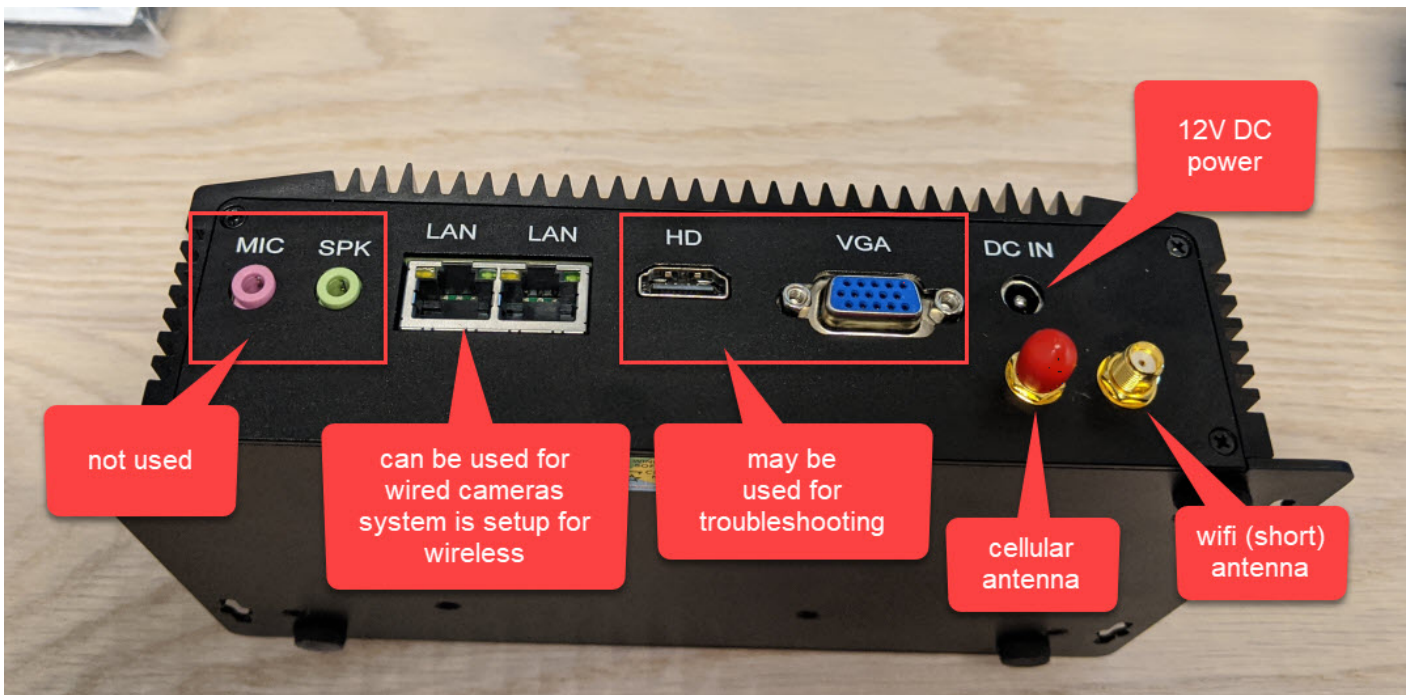




SIM card slot

In the field, only the cellular antenna, wifi antenna, and power connectors are used.

Power is 12V DC and should be connected with an inline fuse.



12V DC power

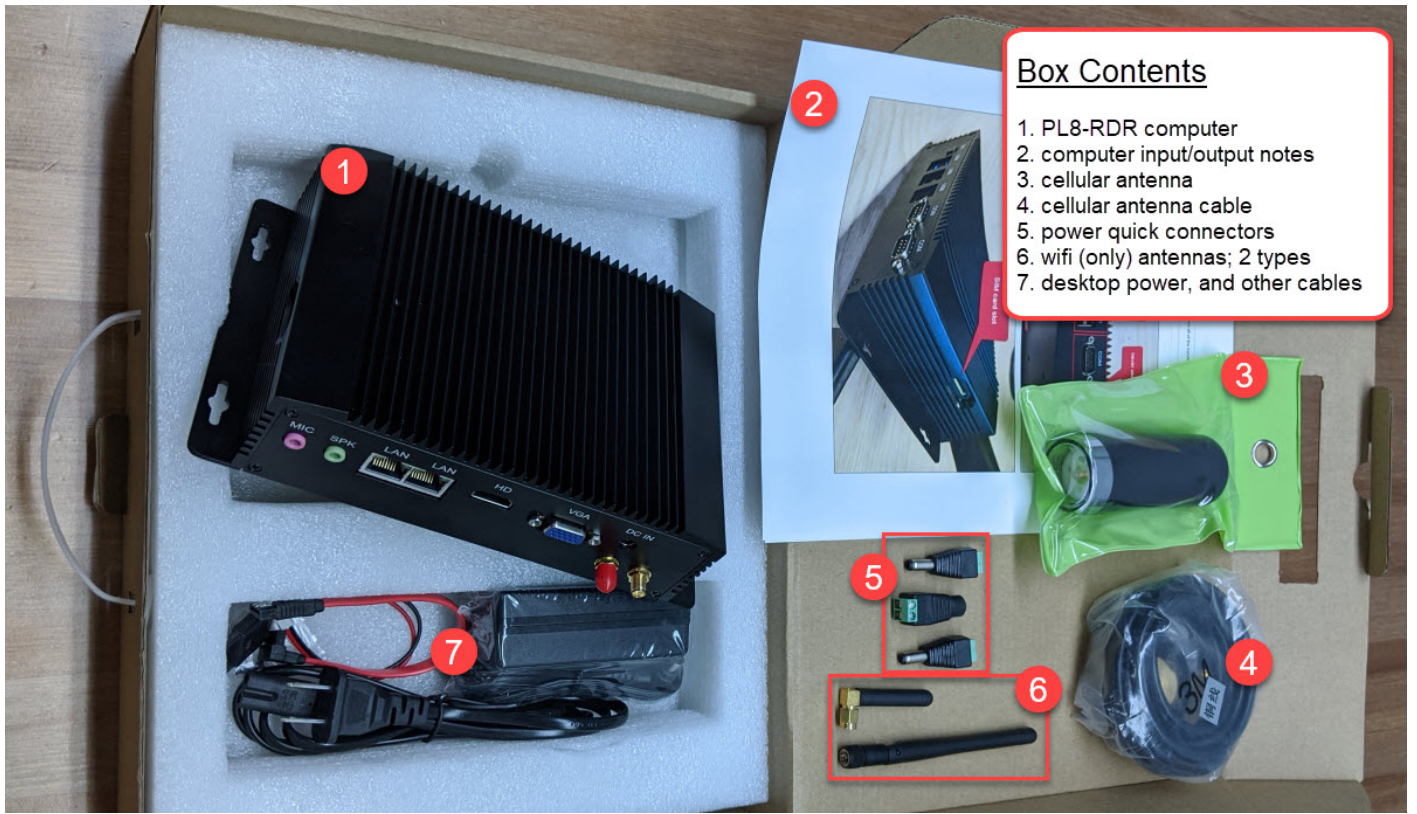
not used

can be used for wired cameras system is setup for wireless

may be used for troubleshooting

cellular antenna

wifi (short) antenna



PL8RDR Signal Strength

Signal Strength

There are two types of signal strength that can come into play. You may be using WIFI or you may be using LTE (cellular communication).

If you are a WIFI user you can test signal strength with multiple applications that are typical a free download.

If you are a LTE user you can see the signal strength by looking at the device's status from the LPR Scanning screen.

By tapping on Status at the top right of the screen you will be presented with a list of items and their connection status.

Signal Strength will appear at the bottom of this list.

The closer to zero the better.

| dBm | Comment |
|--------|--|
| -51 | Best |
| -80 | Minimum for best connectivity |
| -90 | Noisy connection; not stable |
| -96 | <i>our office window (usable)</i> |
| -107 | <i>LTE tablet outside (usable)</i> <i>Phone in basement</i> |
| -111 | Worst |
| failed | failure to get signal |