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## What are the power requirements for the ADC-VDB750?

### Power requirements

**AC transformer**

16-24 VAC, 10-40VA (16VAC, 10VA recommended)
15-24 VDC, 6-20W

**DC transformer**

### Recommended wire gauge/AWG

18-20 gauge wire (AWG) is recommended for all video doorbell camera installations. 18-20 AWG provides the correct amount of resistance needed to power a video doorbell camera.

Gauges outside of these recommendations affect the resistance of the wire and may deliver incorrect power to the device.

### Testing the transformer and wiring

After installing a transformer with a rating that matches the ADC-VDB750 requirements, it is important to test the system after installation to verify that the ADC-VDB750 will receive sufficient power under all conditions. High resistance wiring, poor transformer performance under load, or unexpected components in the circuit can result in performance issues that may not be immediately evident when the device is first powered on.

For more information about testing if an installed ADC-VDB750 is receiving sufficient power, see [Verify if the ADC-VDB750 is receiving enough power](#).

