

Re: IR Motion Sensor Question

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- *From:* Bill Jeffrey <wjeffreyAT@xxxxxxxxxxxxxxxxxxx>
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Bill -

Assuming the secondary of the transformer is connected to a resistive load, then I don't think the primary will look inductive. A good power transformer simply reflects the secondary load back to the primary, modified by the turns ratio. There is leakage inductance, of course, but it presents a tiny load, especially compared to the floodlight in parallel with it.

You should be good to go.

Bill Jeffrey
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Bill Sheppard wrote:

Hi
I'm building a security system for my apt. building, and will be using those IR motion sensors that turn on floodlights. Is it OK to connect an inductive load (a transformer) in parallel with the floodlight? Thanks
Bill

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