

# Connecting an Alarm Device to a DVR

**Introduction:** Using an alarm device with your DVR allows you to take advantage of some excellent features within your DVR and with some cameras. Follow this guide to learn how to connect your Alarm Device to your DVR.

**Note:** *In our tutorial we are going to connect a Honeywell IS-215T Passive Infrared Motion Sensor, keep in mind that there are many different types of Alarm devices, yours may look and connect different to the Alarm itself, though they all connect to the DVR the same.*

**Step 1:** First we'll begin by wiring a 12V DC power supply to use with our Honeywell PIR sensor. Simply connect your **positive** wire to your positive connection on the power supply, then connect your **negative** wire to the negative connection on your power supply.

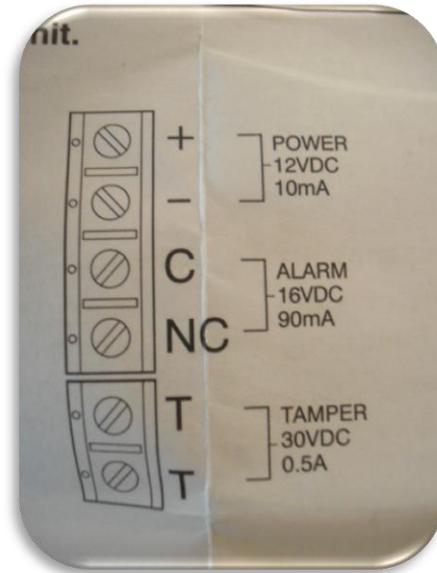


**Step 2:** Next we will need to take off the cover of the alarm device and **connect our positive wire** to the positive port. On our Honeywell we did this by unscrewing the top screw, inserting the wire into its port and tightening the screw to secure the wire.



**Step 3:** Next, we will need to **connect the negative power wire** to the negative port on our PIR sensor.

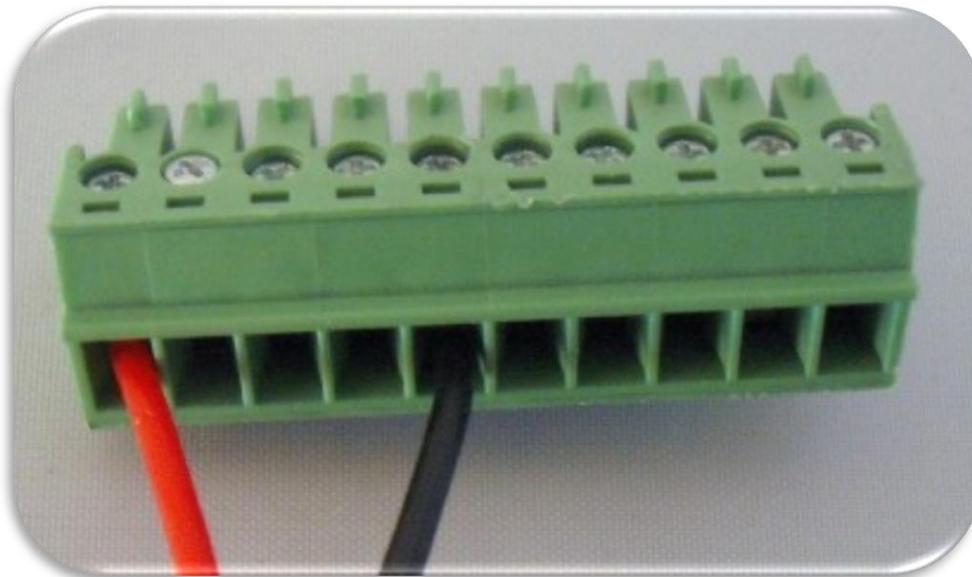




**Step 4:** Now that we have our power wires connected we will need to connect cables that can communicate from our PIR sensor to our DVR. Most alarm devices have either a **Normal Open** or a **Normal Closed** connection. **Take note of which yours is to properly connect it.** The Honeywell IS-215T is a closed device so we will begin by connecting our **ground** cable to the ground port on our Sensor. Next we will connect the **Normal Closed (NC)** wire to the NC port on our PIR sensor.



**Step 5:** Now that we have the wires connected to our PIR sensor and power supply we will need to connect them to the DVR. The back of your DVR will have an Alarm area with RS-485 connections, let's begin by connecting the **Normal Closed** wire into the port number we would like the alarm connected to. *In our example below we are using port 1 to connect our alarm device to.* Next, connect the other end of the **ground** cable into the ground port on your RS-485 connection. Then **insert the RS-485 plug** with your communication wires into the back of the DVR.



**Step 6:** Once you have the alarm device connected to the back of the DVR and the power supply, plug it in to a power source to finish!