

## **How to trigger your SLR using a media player**

I've used the stuff shown below, but you can also do a similar sorta thing with any media player that has a remote control. Such as Novatechs 20 quid Sumvison HDMI media player.



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### **Why would you want to?**

1. Because you can!
  2. Tourist Attractions. You could set this rig up to photograph visitors as they walk past, with a message or animation appears on a monitor telling them they can get the photo printed. Then using an Eye-Fi wireless card in the SLR retrieve the image and print it on demand, rather than having to retrieve the card or printing loads of images.
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### Suggested Toys:

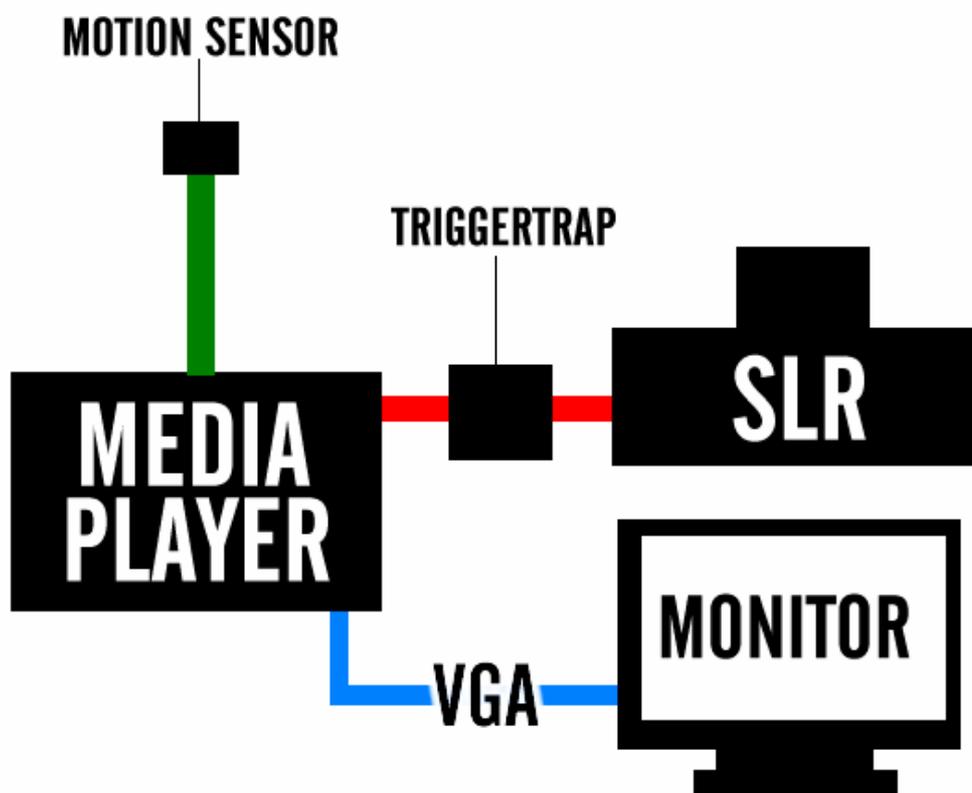
Digital View 300 Media Player aka DV300.  
Motion Detector & Cable for above  
Free DV Studio software for above

SLR Camera  
TriggerTrap

Optional: Monitor with VGA input or TV with composite input.

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### How To:



1. Rig up the following kit as shown in the diagram above. Don't turn anything on just yet.

2. Create an .MPG at a max resolution of 720\*576 using these 2 items..

A. The "test firing" sound sample from the triggertrap test pages.

B. An image at 720\*576 with duration of at least 10 seconds.

Note: The image must be 10 seconds or longer for the player to play the file.

3. Code up a playlist in DV Studio using the MPG you created above.

Ensure when coding the playlist "play" is set to Button 5, as that's the "button" the motion detector uses. Save playlist and MPG to the DV300 compactflash card and place card in player.

4. Set the camera to Manual or Auto Focus.

Note: Auto Focus seems slightly slower than Manual.

5. Turn on everything, leaving the SLR until last.

6. Test the rig by waving your hand in front of the motion sensor.

If everything is wired and coded correctly the SLR will take a photo!

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### **Notes & Tips:**

1. You'll notice there's a slight longer lag the first time it fires up.

This is normal; after the track has been played a couple of time it speeds up.

2. Some lag is to be expected with any IR firing device.

A solution to this is place the sensor slightly "ahead" of where you want the camera to photograph things.

For example, to capture something flying right. Place the motion sensor a few inches or feet to the left of the camera, so the flying object trips the sensor and fires the camera just as the object appears in front of it.

3. You can create an MPG with just a sound file and no image, but using an image and monitor can be handy for telling a person they've been photographed.

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### **Useful Links:**

[www.digiverse.co.uk](http://www.digiverse.co.uk)

[www.TriggerTrap.com](http://www.TriggerTrap.com)