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***MotionEyeOS***  
We can use MotionEyeOS as the software on the Pi to set up our own video surveillance. MotionEyeOS is a Linux distribution that turns your single-board computer into a video surveillance system. It supports all versions of the Raspberry Pi, Pi camera modules, and IP cameras.  
With MotionEyeOS, you can have motion detection with email notifications, you can set a working schedule, take still images, store your files in SD card, USB drive, or upload them to Google Drive or Dropbox. You can also access the media files through FTP server or SFTP server. Although if we were to use this, we would need to purchase a blank (minimum 8GB) micro SD card to hold MotionEyeOS.  
  
To start off:  
<https://medium.com/@gonzalovazquez/raspberry-pi-and-motioneye-setting-up-your-own-video-surveilance-95444e0faad>

More advanced:  
<https://dronebotworkshop.com/motioneyeos-raspberry-pi/>  
  
Help:  
<https://www.raspberrypi-spy.co.uk/2017/04/raspberry-pi-cctv-camera-with-motioneyeos/>  
<https://randomnerdtutorials.com/cctv-raspberry-pi-based-system-storage-motioneyeos/>  
  
**Buying Cameras**RequirementsCameras must be IP compliant, and should be ONVIF standards compliant.   
  
Options  
The Raspberry Pi Camera V2 module seems to be the best camera but not if we want to use it at night. You will not be able to really see anything past five metres in the dark. Another option is the Raspberry Pi Camera V2 Noir which has the same specifications as the Raspberry Pi Camera V2 but has no infrared filter. This means it can see in the dark with infrared light.