

Motion Alert Camera

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Abstract: Security guards patrol and monitor activity at a location. As a advancement of guards, security camera has introduced in the year 1960 and made popular in 70's. The disadvantage in these CCTV is its mandatory that someone should sit before the security system and monitor this will be suitable for some places but in some case its unwanted to sit all the time but there is no other way, to overcome this we could use our motion alert camera. Here, the camera detects by itself if someone enters the room where the alert camera is placed it takes a pic of that particular person who enters into your room and sends a email to you so that we could be alert and take a necessary action out of it. This is very much useful in places like ATM lockers, restricted areas where only the concerned employees must enter. Here it's a motion triggered image capturing system which will be saved in a micro sd card which will not only captures but also sends you a mail of a captured image.

Keywords: PIR, SMTP, GPIO, Serial Monitor, ESP32 Mail Client, VCC.

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