Nilhan

**P r a v a s i v e S y s t e m s**

C C T V N i g h t V i s i o n M o t i o n D e t e c t i o n

Light On off that works by detecting sudden movements in the environment using CCTV cameras to capture the motion and UV rays to detect movements

the above mentioned system consists of the High sensitive Camera which captures video footage and detects sudden movements using (sensors) , a high beam lamp and a f4ew external sensors .

eg :- when a person or animal trespasses or walks in front the camera detects it and powers up a bright light ,therefore warning them to go away this is also used for chasing away thieves .

Considering certain whether conditions the working condition and motion detection isn’t that effective ,as sensors don’t work properly due to water seeping in to them ,

Also due to fast rate raindrops fall hard for sensors to detect movement as its confused with the rain drop rate ,therefore high beem lamp always lights up

eg:- when it rains the lights switches on and switches off and various moments randomly

Reasons of inefficiency

* Camera lenses are dirty
* Sensors are jammed due to dust or water trapped in the system (physical damage caused by animals)

Images of product ……

Dilhani’s Part

CCTV Handbook: <https://www.dhs.gov/sites/default/files/publications/CCTV-Tech-HBK_0713-508.pdf>

Effective design, configuration, and use of digital CCTV: <https://discovery.ucl.ac.uk/id/eprint/15793/1/15793.pdf>

CCTV Problems:

### **Log In Problem**

### **Not Able To Play The Video. Non-Working Camera Playback**

### **Not Able To View the Security Cameras in Remote Places**

### **You Do Not Find the Videos, but the Camera LEDs Are Still Switched On**

### **Do Your Video Surveillance Cameras Work On Daytime, But Do Not Work In Night Time?**

The factors that cause your CCTV surveillance camera image problems, like not clear, not showing pictures, having night vision issues or showing green/pink screen, may vary.

* The camera lens is dirty
* The extension cable run may be too long
* Varifocal zoom cannot automatically focus
* The resolution of your camera is too low (not good image quality)
* The WiFi signal is too week or WiFi is not stable (for WiFi cams)
* Your monitor is in low image resolution