

occurs at the rate of 1Kbps - 10Kbps. The transmitted data is received by an RF receiver operating at the same frequency as that of the transmitter.

C. Wireless Camera

Here system will continuously capture video frames using wire-less camera.

- 1) Wireless car rearview camera kit
- 2) TV System: NTSC
- 3) Image sensor: color CMOS
- 4) Included Rearview camera, wireless transmitter, wireless receiver
- 5) Adds car rearview function for your car GPS
- 6) 300000 Pixels camera, picture is stable and clear
- 7) Water-proof and dust-proof design
- 8) Camera with max wide angle 170 degree view
- 9) Night vision effective view range: 5 meter
- 10) 2.4GHz wireless transmission technology
- 11) Real-time rear view while back up- suitable for vehicle, trucks, bus and trailer
- 12) Prevents accidents while driving in reverse or parking.

D. Machine Gun

Another main unit in the system is remote controlled and auto triggered machine gun. It is situated on the basement. User can send signal to operate the gun remotely using remote input device MACHINE GUN ROTATION: The rotation of Gun is done by two motors. One in horizontal direction and other in vertical direction, so that user can target or see at any direction by rotating gun using remote input device.

E. Infrared Laser Light

For accurate target at the aim user can use this LASER. It is light emitting diode which generate long distance red laser beam. It is attached with machine gun so that it will move at machine guns direction.

F. Joystick/Keypad

Joystick switches or joysticks are manually actuated control devices for installation in control and front panels as well as in portable control equipment. They are used wherever motion sequences analogous to the actuation direction are controlled by hand. They are ideal for rising, lowering and triggering move-ments to the right and left, just to name same few possibilities. EUCHNER joysticks are used for radio and cable controls, building machinery and cranes. Joysticks as control equipment in remote control devices Remote cable control for concrete pumps.

G. Global System for Mobile

The Global Service for Mobile (GSM) is used for transmit and receive the msg.

5. Applications

Proposed system can be used in various fields like military, spying, tracking etc.

- 1) In military it can be used for land soldier automation.
- 2) Using same technology we can develop different mini robots. These robots can be used for pipe line inspection

for wiring checking and device faults detections.

- 3) Same robots can be sending to detect different environmental statistics in remote area or in space.

6. Conclusion

Self -Defensive Machine Gun system is mainly design to provide remote accessibility using wireless technology for land soldiers in battle field. With the sensors technology it will provide environ-mental statistics and also give full power of atomization system. In future with more development and enhancement it will be ready to work in real world environment.

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