

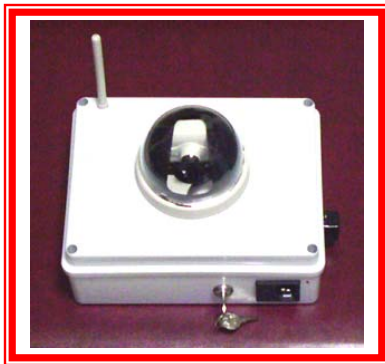
Securitex

Wireless Vehicle Surveillance System (WVSS)

Securitex wireless vehicle surveillance system is specially design by a team of electronic engineers from Israel and India. As most vehicle theft occurred in vehicle and at the same time most vehicle security system only confine to alarm system, thus no proof of crime can be obtained. Even if an alarm do activate from the car, no one actually bother thinking it's a false alarm. Vehicle vandalism is another problem area for vehicle owner especially car scratches.



After more than 3 years of research and development we have successfully design a system that can capture the image of the event and transmit this image wirelessly up to 150 meters to the owner office or home where a recorder, records the entire event. These images can even be capture digitally and store in the Digital Video Recorder. Since all DVR have a remote surveillance capability built-in, thus a vehicle owner who says park his car at his home in one state can transmit the image to his home up to 30 storey (74m). This image is than store in the DVR and the DVR connected to the internet. These allow the owner to view and monitor his car even a thousand miles away.



Wireless Mobile Unit (continuous of used 18 hours)

The wireless mobile unit is a self-contained system it come with a built-in camera, rechargeable battery and wireless 2.4Ghz transmitter. These equipments are house in a plastic housing to protect the circuitry.

External charger

The wireless mobile unit has a built-in rechargeable battery that need to be recharge after every 12 hours of used. To minimise interference and to make the system less bulky, an external charging unit is provided in this system.

Wireless signal receiver unit

The wireless signal receiver unit will also be provide in the system, this receiver can be install to the recorder or DVR and output to the home television for real-time monitoring. This unit can be battery operated or by power adapter.



Receiver



Charging unit

System specification

Wireless Mobile Unit

Power input: 12VDC minimum power adapter used 500mA.

Power output: 12VDC maximum 300mA

Power consumption: 1.5 watts Connector 1 RCA video input, 1 RCA (L) audio input 1 RCA (R) audio input.

Frequency: ISM Band 2400Mhz ----- 2483Mhz (Audio and Video) on 4 selectable channels.

Antenna mode: Dipole (Omni-directional) Demodulation method, FM Frequency Generating P.L.L Audio response 300- 3000Hz

Video input system EIA, CCIR, NTSC and PAL RF Output power Follow regulation. (IDA approval)

Camera: Dome 1/3" colour CCD c/w electronic iris and 2.8 mm lens

Wireless signal receiver unit

Receiver RX-01 Power input 12VDC minimum power adapter used 500mA. Power consumption 3.6 watts Connector 1 RCA video output, 1 RCA (L) audio output 1 RCA (R) audio output.

Frequency: ISM Band 2400Mhz ----- 2483Mhz (Audio and Video) on 4 selectable channels. Noise figure -92dbm

Antenna mode: Dipole (Omni-directional) Demodulation method FM Frequency Generating P.L.L Audio response 300- 3000Hz

Video output 1 Vpp/75ohm composite video

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