

VT38A Operational Description

The VT38A has a wireless audio/video 2.4 GHz transmitter and 310 MHz pulsed RF transmitter contained in a single package. Both transmitters are activated when the integral motion detector senses motion. Up to four cameras may be connected on a single system.

2.4 GHz transmitter:

The VT38A has a wireless audio/video 2.4 GHz transmitter which operates in the 2400 to 2483.5 MHz band on four discrete channels (A thru D) beginning at 2410 MHz and ending at 2472 MHz. The VT38A takes audio as well as video from the motion activated camera and frequency modulates the carrier with the camera output signals at the chosen channel frequency. The signal is then transmitted by the integral patch antenna to it's associated receiver where it is demodulated back to it's original audio/video components for display on a television.

310 MHz transmitter:

The 310 MHz pulsed RF transmitter is also activated by motion and transmits an X-10 pulse train which can disable the other 3 cameras in the system while the camera which is activated sends its video.