

Unattended Ground Sensors System

UGS system is an intrusion detection system which provides an early warning of a hostile approach of personnel or vehicle towards the protected area. The system creates a virtual fence to secure a perimeter such as a military post using PIR sensors, X-band sensors and seismic sensors. Any approach towards this virtual perimeter is detected and transmitted to a monitoring station and exact location of an approach can be identified.



PIR, X-band and seismic sensors are installed at various locations around the perimeter. In an event of approach towards the perimeter, an alarm is generated by the respective sensor which is transmitted to the Gateway. Gateway is connected to a Laptop on which a monitoring software is installed. This alarm is displayed at the software with exact location of the intrusion.

