DRONE DETECTOR : ATPL360LR

ATPL360LR offers Long Range Detection of Drones approaching sensitive areas such as Airports, Refineries, and other Critical Infrastructure Fa-cilities. ATPL360LR is based on Software Defined Radio (SDR) architecture which makes the system "Future Proof" by enabling easy upgrade of drone signatures.

Features:

- More than 4.0 Km radius (8.0 Km diameter) detection
- Azimuth location of 32 sectors or more
- Provides estimate of range and angle of arrival
- Provides tracking of drone
- Logging of drone signature and track data
- 3G Modem for Wide Area Networking
- SDR based architecture for easy upgrade
- Low power consumption
- Power supply from Mains 230V, AC or Battery
- 24/7 Operation

Range	4000 meter radius, 8000m diamter
Coverage	360 degrees using 4 sectoral antennas of 90 degrees Field of View(FoV)
Technology	RF Sensing, Passive Detection with no RF Emission
Architecture	SDR, RF front end from 70 MHz to 6000 MHz
Antennas	2400 & 5800 Dual band 90 degree sectoral (FoV)
Power Consumption	15Watts Typical
Frequency Bands	2400 MHz band, 5800 MHz band
Connectivity	Via existing LAN infrastructure, 3G Network
Operation	User Interface on PC/Laptop
Power Supply	AC Mains (Optional battery / Solar)