



US Nuclear Corp's DroneSensor™ Series includes the DroneRAD™. For the first time Radiation detection instruments are mounted on commercial grade, heavy lift, all weather drones. FlyCam UAV, our drone partner's, ZOE a QUAD (4 motor) drone with a 15 pound payload capacity or the NEO an OCTO (8 motor) drone with a 19.8 pound payload capacity provide robust flight platforms for aerial radiation detection, surveillance, and locating. **Technical Associates**, a division of **US Nuclear Corp**, provides sensors for both airborne radiation and for the search and locating of radioactive materials: Alpha, Beta, Gamma, and Neutrons.

Chemical sensors for chlorine, methane, hydrogen sulfide etc. and sensors for Chemical Warfare Agents (CWAs) are also available for aerial surveillance via the **DroneSensor™ Series. The diversity of use includes:**

Chemical Collections:

- Chlorine
- Methane
- Diesel Fumes & Particulates
- CO Carbon Monoxide
- H₂S Hydrogen Sulfide
- CO₂ Carbon Dioxide
- NO₂ Nitrogen Dioxide
- SO₂ Sulfur Dioxide
- O₃ Ozone
- VOC Volatile Organic Compounds
- Fine Particulates
- Chemical Warfare Agents – (CWAs)

Industrial Applications:

- Nuclear Power Plant Facility & Perimeter Maintenance
- Oil & Gas Pipeline Leak Surveillance