

ARDMS Remote & Weather

24/7 Radiation Detect & Warning System



Detecting the presence of radioactive material through climatic elements within from affected areas

The radioactive material, from an area affected by some radioactive accident, can be spread by climatic elements (wind, rain) within a radius of 30 km. Thinking about it Gammasonics has developed the Automatic Radiation Detection and Measurement System – ARDMS to detect the presence of Gamma radios also could include on request as an optional the Alpha and Beta measurement.

ARDMS is composed of a radiation detector fixed to a strategic point, a weather station, solar panel and embedded computer. Everything is controlled through an easy-to-use software installed in a powerful PC (include).Weather station software.

The Weather Station Software can access the latest weather information from the PC, receiving up to 175 sets of weather data recorded by the base station.

Features

- › User-friendly software
- › Powerful PC
- › Automatic radiation detection measurement system ScintiRAD for measuring gamma at low levels and x-ray

Weather station

- › Generate detailed graphical reports, publish your current conditions on-line
- › Time, date, seconds, time zone, weather forecasting icons with tendency arrows, air pressure, and respective alarm sections.
- › Inside / outside temperature and relative humidity, wind chill, dew point, rainfall, and respective alarm sections.
- › Wind direction, wind speed, and respective alarm sections.

Options

- › Powered by Solar Power. The solar panels and batteries provides mobility and autonomy to the Austral-Rad Weather System
- › Alpha and Beta detection

Applications

- › Nuclear Research Applications / laboratories
- › Defence/ National Security
- › Environment Protection Authority - EPA
- › Mineral Sand industry / Uranium Industry
- › Radiation Contamination/ Protection