

Static Node R

Unattended Spectroscopic
Radiation Monitoring
via Satellite Communication

Applications include:

Border crossings to monitor for illicit movement of
radioactive materials

Dose rate monitoring in high-risk environments



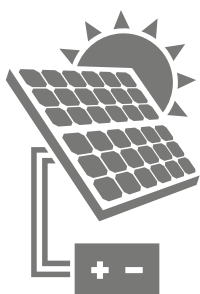
Static Node R

Kromek's field proven, highly sensitive detector housed in a ruggedised box with associated circuitry to send information directly to the secure cloud-based network to be viewed anywhere in the world.

Utilising cellular or satellite communications and flexible battery options, the Static Node R can be quickly and easily deployed anywhere that it is needed. All necessary elements are housed in a custom Peli Case, making deployment and setup simple.



Self-contained unit in ruggedised Peli Case. Simple onsite setup in under 15 min



Battery pack used to power the system in areas where mains power is lacking. Solar panels prolong this battery life.



The D3S Static Node continuously scans an area and reports spectral data and any associated threats every one second.



The included cellular or satellite communications portal seamlessly connects to allow a constant stream of communication via satellite.



The data is sent to the network, with data hosted by AWS. This allows data to be viewed via the secure portal from anywhere in the world.

Ruggedised design allows system to be deployed in any environment

- Continuous radiation monitoring with radiation, spectral and alert data sent every one second
- Spectroscopic, isotope identification and accurate dose information
- Robust communication via cellular or satellite to ensure a constant stream of data, even in the toughest circumstances
- Mains powered or connect to a portable battery pack
- Seven-day data storage if network connection is lost
- Greater than seven-day constant operation on battery pack
- Additional solar power options available for prolonged battery life

Peli Case for easy deployment includes:

- Static Node R
- Satellite communications hardware
- Portable battery pack
- Additional solar panels
- Fittings to mount the system
- User manual



“The Static Node R can be quickly and easily deployed anywhere, like border crossings, to monitor for illicit movement of radioactive materials”



Kromek Group plc

UK NETPark Thomas Wright Way Sedgefield County Durham TS21 3FD | +44 (0) 1740 626060

USA 143 Zehner School Road Zelienople PA 16063 | +1 724 352 5288

sales@kromek.com | www.kromek.com