

# D3S Static Node

## Unattended Spectroscopic Radiation Monitoring via Satellite Communication

Kromek's field proven, highly sensitive D3S 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 satellite communications

and flexible battery options, the D3S Static Node 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.



- Continuous radiation monitoring with radiation, spectral and alert data sent every one second
- Spectroscopic, isotope identification and accurate dose information
- Robust communication via 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
- Ruggedised design to allow the system to be deployed in any environment



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 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.

### Applications

- Border crossings to monitor for illicit movement of radioactive materials
- Dose rate monitoring in high-risk environments

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