LOCATE IDENTIFY RESOLVE

FlexSpec
RADIATION DETECTION SYSTEMS

FLEXSPEC X8400 FIXED-SITE

SPECTROSCOPIC PORTAL MONITOR SYSTEM
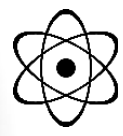
☑ **RUGGED**　　☑ **USER-FRIENDLY**　　☑ **COMPACT**

DEFENSE　　**FIRST RESPONDER**　　**INDUSTRIAL**

MISSION READY.

ISOTOPE IDENTIFICATION AND NEUTRON COUNTING.

RAPID DETECTION AND CATEGORIZATION.

TELEMETRY OPTIONS FOR OPERATIONS MONITORING.

AUTOMATIC REACHBACK FEATURES.

REMOTE SUPPORT CAPABILITY.

STANDARD TECHNICAL SPECIFICATIONS

GAMMA AND NEUTRON SENSORS	Each integrated gamma/neutron Detector Module contains a 2" × 4" × 16" NaI crystal and an array of ^{6}LiF/ZnS neutron detectors. Gamma energy resolution better than 8% at 662 keV. No ^{3}He gas.
SIZE AND WEIGHT	**Individual Detector:** Each Detector Module measures 6"W × 8"D × 24"H and weighs < 50 lbs (not including site specific mounting hardware). **Fixed-Site System**: Custom Fixed-Site configurations are available for pedestrian and vehicle monitoring and include up to 14 Detector Modules per Control Module.
POWER	Operates on 10 – 30 VDC or 115 VAC. Options for battery backup are available.
ENVIRONMENTAL	Operating: -30°C to +55°C (-22°F to +131°F). Storage: -40°C to +70°C (-40°F to +158°F).
CONNECTIVITY	System provides a high degree of connectivity, supporting Wi-Fi, Ethernet, RS-232, USB, and cellular communications.
REACHBACK	Data can be rapidly sent from the field to reachback centers. Data can be transferred over Wi-Fi or wired connections. Software automatically populates key fields for reachback reports. Data provided in ANSI N42.42 (2020) format.
SOFTWARE	Software runs on a laptop (Windows 10) with interactive touchscreen. Intuitive user interface was designed with extensive end-user inputs, providing visible/audible alarms, dose rate, and user-selectable count rates or spectral plots. System delivers high-performance, proven isotope identification and alarm categorization (threat, suspect, industrial, medical, NORM). Library contains over 40 isotopes, including all isotopes from ANSI N42.38. Energy calibration is performed automatically with no use of check sources.
OPTIONS	Integrated GPS, occupancy sensors, and cameras are available.