

D-tect Systems offers a rugged, field-ready line of equipment designed for accurate radiation detection and identification as well as chemical analysis. We design our products to combat the urgent threat of from hazardous substances such as “dirty bomb” materials, nuclear device components, and toxic industrial chemicals. Our devices are used around the world by first responders, military personnel, security forces, public safety officers, waste management, embassies, and food testing services. Our goal is to provide the most powerful, affordable, and deployable security products available.

mini rad-D™



Rugged Personal Radiation Detector

- Works in all weather and temperatures
- Highly sensitive scintillator detector
- Rugged, endures 3 ft drop onto concrete
- Loud alarm or discreet silent operation
- Easy to use, no training required
- Bright display, readable day or night
- Handheld, light weight
- 2 AA batteries power device for 5000 hours



mini rad-V™

Unobtrusive Vehicle Mounted Radiation Detector

- In-cab display shows detected radiation
- All-weather exterior detector
- Powered by 12VDC vehicle power
- Small, mounts anywhere
- Easy to use, no training required
- Highly sensitive scintillator detector
- Loud alarm or discreet silent operation
- No maintenance required

rad-ID™



Advanced Handheld Radiation Identifier

- One button-operation
- 4 sensor types (CZT, NaI, GM, He3)
- Identifies 107 radioactive isotopes
- Bluetooth enabled for remote operation
- Ruggedized, water resistant
- Uses D-cell batteries
- Bright, 65,000 color LCD display
- No special training required



rad-D™

Highly Sensitive Fixed-Mount Radiation Detector

- Uses large 3" x 2" NaI(Tl) with PMT
- Small, mounts anywhere
- Easy to use, no special training needed
- Gamma or neutron radiation detectors
- 24/7 Operation
- Automatic calibration
- Displays counts and radiation level (1-9)
- System can support up to 4 detectors

chem-ID™

HandHeld Chemical Identifier for Accurate In-Field Analysis

- Identifies over 100 different chemicals
- Low power, battery operated
- Simple user interface, minimal training
- Laboratory-grade accuracy
- Built-in RF link allows remote operation
- Completely field-ready
- Sealed for easy decontamination
- Large, bright, 3.6" LCD display



Rad-DX is a security and inspection system that detects emissions from radioactive material. The Rad-DX system can operate as a stand-alone detector or as part of a larger Rad-DX mesh network for monitoring an area such as a building or facility. These devices are available in multiple options and there are several software choices for system configuration.

rad-DX™



Mesh Network Radiation Detector

- Operates on the D-tect SensorNet
- Network integration via Wi-Fi or Ethernet
- Control and monitor on tablet or PC
- Blends into public areas
- Integrated floor plan for easy monitoring
- IP65 Rated
- Detects radiation in less than 1 second
- Multiple detector versions



DXlink

Wireless USB Mesh Network Enhancer

- Operates on the D-tect Sensor Net
- Uses a standard USB port
- Can be used as a 'gateway' between a tablet/PC and a network of Rad-DX devices
- Works as a 'repeater' between Rad-DX devices
- No software needed to act as a repeater
- Comes with a USB power adapter that plugs into a standard outlet

DXassistant™



Local Network Server for the Rad-DX

- Stand-alone local server
- Supports a network of Rad-DX detectors
- Operates inside of a protected firewall
- Preloaded with configuration software
- Allows configuration through the Ethernet, Wi-Fi, and mesh communication channels
- Password controlled
- Includes all hardware, OS, and applications server software



rad-DX™ Rugged Enclosure

Rugged Enclosure for the Rad-DX

- Designed to house a Rad-DX
- NEMA rated enclosure
- Includes two higher gain antennas
- Longer lasting backup battery
- Contains a cooling fan
- Attaches to power poles using provided metal band
- Mounting holes provided for easy installation

DXdashboard™

Web-based Application

- Fast setup
- Hosted solution
- No server installation required
- Monitor and control detectors remotely
- Real-time monitoring
- 128-bit AES encryption



DXview

PC Software Application

- Self-contained system
- Easy installation
- Add and configure detectors
- View and download data
- Real-time monitoring
- 128-bit AES encryption