EnVision™ CBRN

24/7 integrated CBRN Detection System

- Fast and easy deployment
- Man portable
- Versatile connectivity

Solutions for Security
EnVision CBRN is a 24/7 integrated CBRN detection system. It is a portable system, which integrates high quality equipment into one portable case enabling fast creation of a full CBRN detection network without fixed hardware installation. The module can be moved from one location to another, whenever CBRN detection is needed.

**Fixed installation performance made portable**

Continuous monitoring of a target is expensive and laborious. The EnVision CBRN enables fast and cost effective monitoring system – anywhere. Typical applications; for example the first responders can create a detection network quickly in a catastrophe area, mass sport events, rapid protection of VIP meetings or visits, international high level conferences, temporary military headquarters and mobile command centers.

**KEY FEATURES**
- Fast and easy deployment
- Real-time situational awareness
- Complete CBRN detection system
- More features with external detectors
- Versatile connectivity
- Man portable
- High-end control software
- Real-time GPS point location
- No calibration needed

**APPLICATIONS**
- Fixed and mobile detection systems
- Vehicle applications
- Naval applications
- Critical Infrastructure Protection
- VIP protection solutions
- Area monitoring systems
Full CBRN capability

The EnVision CBRN is based on well-known and proven detectors designed and manufactured by Environics. The solution is unique; providing a fully portable CBRN detection system including simultaneous CWA and widest scale TIC detection in the market. The biological detector that is part of the EnVision CBRN is the only portable Bio detector in the market. Also a fast and highly sensitive radiological and nuclear detection is included.

The performance can be customized to meet the customer requirements for example with additional detectors or devices, and it is possible to connect the whole detection system to 3rd party systems. The EnVision CBRN needs no calibration and is rapidly ready for service.

One system for many situations

The system can consist of only one or several EnVision CBRNs linked to a portable or stationary control centre. Utilizing the EnVision CBRN is flexible because it can be used in many types of places – depending on characteristics of the task.

The EnVision CBRN gives every safety organization a possibility to fulfill their tasks in all conceivable situations. It is a complete and cost effective CBRN Security Solution.

Versatile connectivity

In addition to stand-alone use, the EnVision CBRN can be connected to a wide variety of external systems. It provides build-in RS-232 and RS-485 interfaces for external devices such as weather stations or radionuclide identifiers, an USB interface for communicating with personal computers and an Ethernet interface for networked operation with the optional EnviScreen CBRN and Environmental Monitoring System Software.

EnviScreen control software

To enable rapid exchange of information and to increase situational awareness EnVision CBRN can be used with the optional EnviScreen CBRN and Environmental Monitoring System software. The EnviScreen provides a real-time overview of the situation in the field based on the data generated by the EnviScreen CBRN detection modules, and guides the operator to take appropriate actions based on the situation.
Technical data

Size
560 x 455 x 265 mm (22.1” x 17.9” x 10.4”) *

Weight
20 kg (44 lb) *

Power
AC 100 - 240 VAC
DC 9 - 36 VDC

Battery operating time
Approx. 5 hours (+20°C)

Detection capabilities
• CWA, TIC and TIM with ChemProDM Chemical Detector
• BWAs and Sample collection with ENVI BioScout
• Radiation and Dose Rate with ChemPro100 Radiation Detector Module

Temperature (Operating)
-30...+50 °C (-22...122 °F)

Temperature (Storage)
-40...+70 °C (-40...160 °F)

Communication ports
• RS-232
• RS-485
• USB

Ethernet connections
TCP/IP (RJ-45 connector)

Transit case
• Hardened case
• Rugged design for harsh conditions

Features
• Lithium rechargeable battery
• 4,3” TFT WQVGA Display with touch screen
• Integrated GPS Module