

Environmental Sensors by Hellenic Instruments

<p>Picture</p>	
<p>Brief Description</p>	<p>Sensors integrated on first responder’s jacket, measuring toxic gases and radiation</p>
<p>Main Functionality</p>	<p>Constantly monitors the environmental conditions of the operation field to alert the first responder in case of critical conditions</p>
<p>Main Capabilities</p>	<p>Measures and transmits data to the command-and-control centre through cellular or Wi-Fi, of the ambient air temperature, the Beta-Gama radiation of the environment, the Methane (CH₄) and Combustible Gases concentration, the concentration of Oxygen (O₂), the concentration of Nitric Dioxide (NO₂), the concentration of Sulphur Dioxide (SO₂) and the concentration of Hydrogen Sulphide (H₂S)</p>
<p>Use Case (s)</p>	<p>Operation in environments which might be threatening for the first responder</p>

