

## GT0™ Sensor Interface

First responders and security personnel need actionable information during a radiation event. Often, radiation sensors are stand alone devices with no ability to communicate to those who are responsible for managing security threats.

By utilizing Defentect's GT0™ sensor interface in a surveillance network, legacy, analog and non-networked sensors can now provide real-time radiological information to an organization's security system.

The GT0 is not a sensor, does provide a communications interface for sensors. The GT0 sensor interface is used to connect analog sensors to Defentect's DM3™ IP messaging system. This enables legacy sensors and other third party devices to communicate information to first responders and other security personnel.

The sensor interface is monitored locally by the GT0 and remotely by Defentect's DM3 software. In the case of a radiation event, data is converted from analog to digital format, date/time stamped and sent to the Defentect DM3 messaging system.

Through the DM3 control panel, system administrators can designate the appropriate alerts to be triggered. These alerts can include messages to PDAs, cell phones, pagers or other mobile clients.

DM3 can also integrate the GT0-enabled sensors with a facility's video surveillance and security management network to better

incorporate radiation monitoring into the overall security framework of the organization.

The GT0 uses Power-over-Ethernet for easy installation. The housing can be ordered to provide space to insert a third party sensor (specifications are reviewed at time of order), or can be installed alongside existing sensors. The standard unit is configured with NEMA IV rated housing.

### Key GT0 features include:

- Embedded Web Server
- Remote access
- NEMA Security Enclosure
- Internal interfaces
  - RS-232
  - RS-422
  - USB
  - Dry Contact
- 5v Power-over-Internet (PoE)



**GT0™ Sensor**  
w/ NEMA IV housing

<b>GT0™ System Specifications</b>	
<p>GT0 sensors, integrated with Defentect architecture and connected to a server, create a grid of threat-level radiation protection. GT0, networked to Defentect software, triggers alerts to incident command centers or mobile clients.</p>	
<b><i>Interfaces</i></b>	<p>RS-232</p> <p>RS-422</p> <p>USB</p> <p>Dry contact</p>
<b><i>System Chassis</i></b>	<p>NEMA IV rated security enclosure</p>
<b><i>Power Consumption</i></b>	<p>Source PoE</p> <p>GT0 draws 150mA @ 5v. 3.0 BTU/hr.</p>
<b><i>Dimensions (standard enclosure only)</i></b>	<p>6" H x 4" W x 6" D / 2 Lbs</p>
<b><i>External Connector</i></b>	<p>Panduit INDUSTRIALNET™ TX5e™ Coupler Part Number: IAEBHC5E</p> <p>Mates with: INDUSTRIALNET™ TX5e™ Shielded Plug Part Number: MPSI588T</p>

For more information or to schedule a web demonstration, please call toll free: 888-868-8386.