

# INNOVATION IN RADIATION DETECTION



**BT BUBBLE** ●  
Technology Industries  
www.bubbletech.ca

## RADBUMP

### RADIATION-DETECTING SPEED BUMP

RUGGED

USER-FRIENDLY

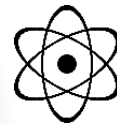
COVERT



DEFENSE



FIRST RESPONDER



INDUSTRIAL

**MISSION** READY.

CONCEALED GAMMA RADIATION SENSOR.

RUGGED SENSOR ASSEMBLY.

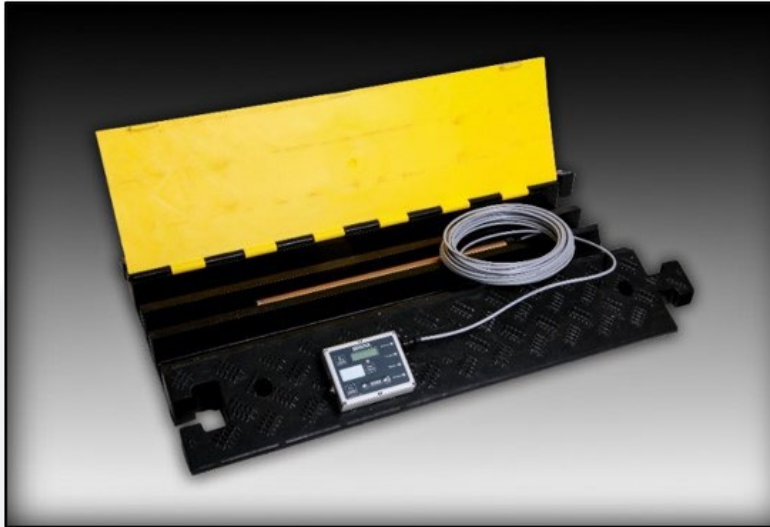
VISIBLE AND AUDIBLE ALARMS.

SIMPLE CONTROL BOX SUITABLE FOR ALL USERS.

OPTIONAL CUSTOM SOFTWARE FOR COMPUTER  
INTEGRATION.



**RADIATION-DETECTING SPEED BUMP**



**STANDARD FEATURES**

THE RADBUMP OFFERS A UNIQUE RADIATION DETECTION SYSTEM THAT ALLOWS THE OPERATOR TO COVERTLY MONITOR VEHICLES FOR POTENTIAL RADIOACTIVE THREATS.

THE RUGGED SENSOR ASSEMBLY DETECTS ELEVATED LEVELS OF GAMMA RADIATION AS THE VEHICLE PASSES OVER THE SPEED BUMP AND RAPIDLY NOTIFIES THE OPERATOR, ENABLING THE USER TO IDENTIFY POTENTIAL THREATS AND SEGREGATE THESE THREATS FROM THE MAIN FLOW OF TRAFFIC FOR FURTHER INVESTIGATION.

THE SYSTEM IS OPERATED AND MONITORED WITH A SIMPLE, USER-FRIENDLY CONTROL BOX. A SUNLIGHT-VIEWABLE LED, IN CONJUNCTION WITH AN AUDIO ALARM, ALERTS THE USER TO A POTENTIAL RADIATION THREAT. IF DESIRED, THE CONTROL BOX MAY BE CONNECTED TO A COMPUTER OR DATA STORAGE DEVICE. THE SYSTEM IS PORTABLE AND EASY TO RE-LOCATE AND DEPLOY.

**STANDARD TECHNICAL SPECIFICATIONS**

|                          |  |
|--------------------------|--|
| <b>SENSOR TYPE</b>       | Geiger-Müller tube detects gamma radiation.  |
| <b>SENSORS PER LANE</b>  | Configurable from 1 to 4 sensors.  |
| <b>CONTROL BOX SIZE</b>  | 5" x 4" x 1.25"  |
| <b>POWER</b>             | 9 – 28 VDC, optional 110 VAC adapter.  |
| <b>DATA TRANSMISSION</b> | Custom cable (from each sensor to control box), optional USB communication cable from control box to computer. |
| <b>TEMPERATURE RANGE</b> | -20 °C to +50 °C (-4 °F to +122 °F)  |