

SECOND SIGHT® MS

STANDOFF REAL TIME GAS DETECTOR



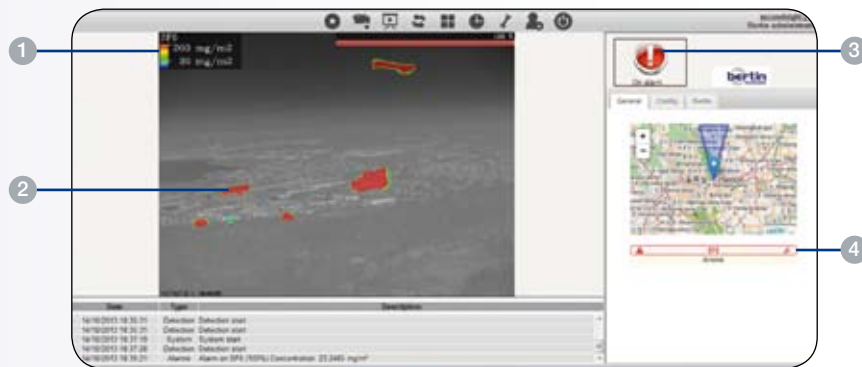
**SECOND
SIGHT** 

- ▶ The widest monitored field of view
- ▶ Early warning by real-time detection in 2 sec
- ▶ CWA, TIC & VOC clouds visualization
- ▶ Detection up to 5 km

Quick deployment and setting



The only standoff gas detector for real time surveillance and with source localization



1 - Identification
2 - Gas cloud

3 - Alarm
4 - Gas list

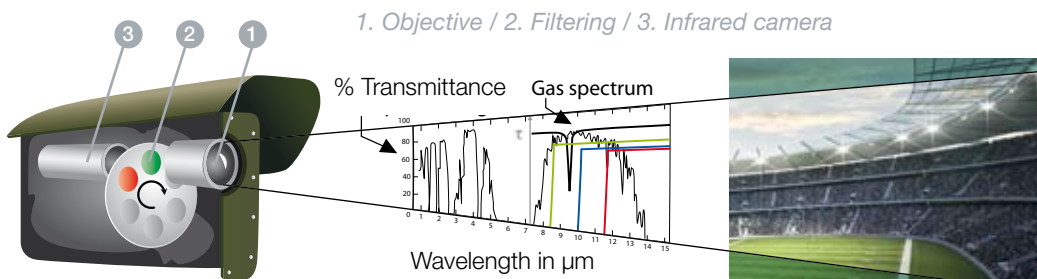
Second Sight® MS

Second Sight® MS is the perfect solution for critical area surveillance and protection against chemical threats (Chemical Warfare Agent, Toxic Industrial Compounds). With night and day surveillance capability, Second Sight® MS detects, identifies and visualizes a cloud of dangerous gas in real time at a distance up to 5km.

Main applications :

- Early warning in case of chemical threat on battle field
- First responders vehicle deployment for public events
- Enhanced surveillance of industrial sites

Uncooled multispectral infrared camera



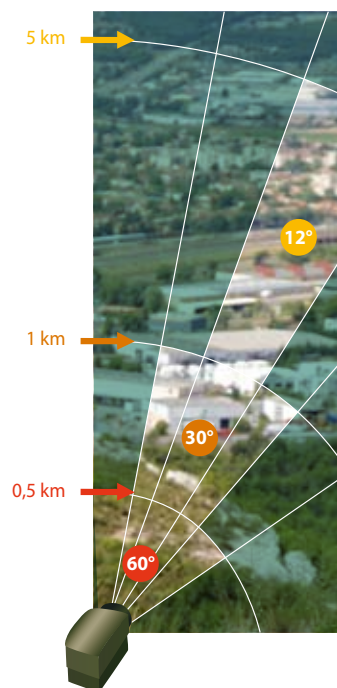
Gas list

- Blister Agents: "Mustard gas" Yperite (HD), Lewisite
- Nerve Agents: Tabun (GA), Sarin (GB), GD, VX
- Toxic Industrial Chemicals: Ammonia, Carbonyl chloride, HCN (hydrogen cyanide), etc.

Technical features

| Designation | Second-Sight® MS |
|-----------------------------|---|
| Technology | Infrared spectral imaging |
| Cat.No. | 003075-003-RD200 |
| Detection range | From 2 m up to 5 km |
| Gas database | > 50 |
| Time to detect | < 2 seconds |
| Time to alarm | < 8 seconds |
| Field of View (FOV) | 2 objectives of 30° and 60° |
| Field Surface scanning rate | 190 square degrees per second for 30°x 15° FOV |
| Scan mode vertical angle | 360° x 15° in less than 3 minutes |
| Ruggedized | Mil Std 810-G |
| Dimensions | 35 x 26 x 50 cm // 13" x 11" x 20" |
| "head camera and pan tilt" | |
| Dimensions processing unit | 26 x 20 x 15 cm // 11" x 8" x 6" |
| Weight | Head camera + processing unit : 10.2kg //22 lb (+ pantilt 6.5kg //14lb; + tripod 6.6kg //14lb) |
| Temperature | Operation : -20°C to +50°C (-4°F to +126°F) Storage : -20°C to +70°C (-4°F to +158°F) |
| Autonomy | 3 hours (optional battery pack) |

Wide area surveillance



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