

Second Sight® MS



Standoff gas cloud detector

- Widest monitored Field of View
- Early warning by real time detection
- Gas X, CWA and TIC cloud visualization
- Detection up to 5 km



SECOND SIGHT® MS

STANDOFF GAS CLOUD DETECTOR

Able to detect and identify a large range of gas, the Second Sight® acts as an early-warning system. This sophisticated camera offers a unique gas-X feature for real-time tracking and localization of multiple impure, unknown and mixed gases.

Including an infrared imaging capability, it is perfectly suited for night and day, 360-degree

monitoring of an extended area, up to 5km. It can be mounted on a tripod, vehicle or pan and tilt system. Second Sight® MS is the perfect solution for critical area surveillance and protection against chemical threats (Chemical Warfare Agents, Toxic Industrial Compounds, Volatile Organic Compounds).

* Technology developed with the French defense procurement agency



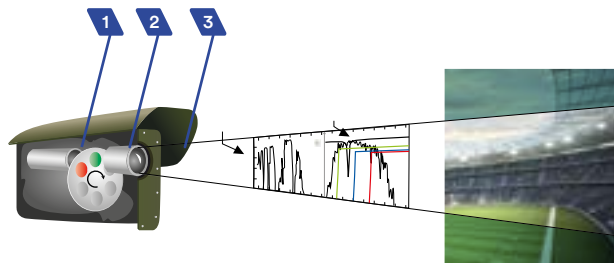
Main applications

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



1 - Identification 3 - Alarm
2 - Gas cloud 4 - Gas list

Uncooled multispectral infrared camera



1. Lens / 2. Filters / 3. Infrared camera

Detected gas list

- Blood agents
- Blister agents
- Nerve agents
- Pulmonary/Choking agents
- Toxic Industrials Compounds
- Gas X: Unknown, impure or mixed gas cloud modifying the 8-14 μm infrared spectrum



Technical features

Technology	Infrared spectral imaging
Detection range	Up to 5 kilometers
Time to alarm	< 10 seconds
Field of View (FoV)	3 lenses: 12°, 30°, 60°
360° Scan mode	< 3 minutes
Military standard	Mil Std 810-G
Dimensions Camera head and Pan & tilt	35 x 26 x 50cm 13" x 11" x 20"
Dimensions Processing unit	26 x 20 x 15cm 11" x 8" x 6"
Total weight	10.2kg / 22lb
Temperature	Operation: -20°C to +45°C Storage: -20°C to +70°C