



## SICAS

### Ship Installed Chemical Alarm System Product Information



KeTech has unrivalled experience and expertise in the provision of unique solutions for the rapid detection and identification of unknown substances.

The KeDetect CW SICAS (Ship Installed Chemical Alarm System) is part of the KeDetect CW range of Chemical Warfare Agent (CWA) Detection Equipment products that includes world leading Unmasking Aids and Generic Nerve Agent Detection products. At the heart of KeTech's Nerve Agent detection product family is SICAS. It is the only Nerve Agent detector in the world that can detect ALL known and unknown Nerve Agents, including Novichok and FTA variants. SICAS is unique as it alarms automatically under both attack and low level ongoing exposure conditions.

The limits of detection of Nerve Agents are at sub-miosis levels whilst attack levels alarm virtually instantly. The units provide a generic attack warning of there being Nerve Agent present to allow those at risk to take protective action, critical in cases when conventional analytical equipment does not recognise a threat due to the Agent levels being too low or not in the Alarm Database.

Masking and corruption of the agents (problems with conventional Nerve Agent Detection Systems) do not prevent NAIAD from responding, whilst selectivity minimises false alarms. A wide range of power options are available and detectors can be supplied in a non-military housing with associated cost reduction, as well as in a format for use on board vessels to provide Citadel protection.

## Benefits

- Proven detection of known and unknown nerve agents
- Hydrogen cyanide detection
- Detector designed with UK MoD
- Highly sensitive and specific to nerve agents
- Fast response
- Battery or ships battery powered
- Consumables and spares available
- Can be used while wearing PPE
- Can integrate with TBU