

# AP4C-FB



Biological and chemical detector  
for fixed sites  
(Critical infrastructures)  
The first 24/7 Biological-Chemical  
alarm detector

## Description

Real time biological and chemical  
detection and monitoring  
(continuous measurement)  
Integrated in site security network  
Adapted to harsh environmental conditions

## Biological detection

Selective sampling  
(particles from 2 to 10 microns),  
chemical analysis of each particle  
(flame spectrometry)  
Sampling flow rate: 16 Liters per minute  
Short response time: max 1 minute  
(threshold level), commonly 10 to 15 seconds

## Chemical detection

The widest range of detected products

AP4C-FB can detect all nerve agents, all blister agents,  
all blood agents, all NTA  
(Non-Traditional Agents as Novichok agents),  
the complete list of Schedule 1 Chemical Warfare  
Agents as defined by International Organizations,  
and numerous toxic industrial agents in addition  
to choking agents such as ammonia.

Alarm data available: light and sound signal,  
data recording and transfer to either  
remote control box or security network,  
ability to trigger a biosampler or the closure of  
buildings ventilation systems

**PROENGIN**  
Chemical and biological detection systems

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