

# ACOEM ATD

## Technical Specifications

### Features

25+ years of globally tried and true military grade technology

#### Gunshot and Firework Detection

Gunshot Distance 150m direct view

Firework Distance: 50m direct view

#### Alarm to Control System

Http message send by POD to control system

Specific API could be developed on the production server

#### PTZ Camera Movement

Direct control of the camera by the POD with ONVIF protocol (need absolute move ONVIF camera)

Specific API could be developed on the production server to move camera through the control system

<b>Identification of Threat</b>	Embedded Acoustic method based on IA
<b>Threat Detection Add-Ons</b>	New threat available by upgrade
<b>Localization</b>	Embedded Azimuth and Elevation of the threat computed with one sensor
<b>Microphone</b>	4 electret microphones Dynamic range: 50-150 dB 1 single range
<b>Noise Measurement</b>	Real time Leq measurement (logging period 1s)
<b>Communication</b>	On private CCTV IP network
<b>State of Health Message</b>	Communication status CPU temperature CPU usage Disk usage FW installed



<b>Ethernet Connection</b>	Connector M12 coding-X Speed: 1 Gbits/s DHCP mode or fixed IP
<b>Time synchronization</b>	NTP protocol
<b>Power Supply</b>	PoE: 80.2.3af/802.3at Power consumption: 6W typical
<b>Operating Temperature</b>	-20°C to +45°C
<b>Humidity</b>	90% HR (non-condensing at 40°C)
<b>Casing</b>	Aluminum
<b>Environmental Protection</b>	Designed for outdoor use IP54
<b>Microphone Protection</b>	Foam windshield
<b>Dimensions</b>	Diameter: 138mm Height: 165mm Weight: 1.2kg without bracket; 1.8 with bracket
<b>Mounting</b>	On mast with bracket and metallic strip On wall with bracket Microphone oriented to the ground Fixation height: between 2.5m and 10m
<b>Training Mode</b>	Audio recording on production server No continuous recording and no storage on device Max 1.5s sample on event