

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 ONV-IF protocol (need absolute move ONVIF camera)
Specific API could be developed on the production server to move camera through the control system

Identification of Threat

Embedded
Acoustic method based on IA

Threat Detection Add-Ons

New threat available by upgrade

Localization

Embedded
Azimuth and Elevation of the threat computed with one sensor

Microphone

4 electret microphones
Dynamic range: 50-150 dB
1 single range

Noise Measurement

Real time Leq measurement
(logging period 1s)

Communication

On private CCTV IP network

State of Health Message

Communication status
CPU temperature
CPU usage
Disk usage
FW installed

Ethernet Connection

Connector M12 coding-X
Speed: 1 Gbits/s
DHCP mode or fixed IP

Time synchronization

NTP protocol

Power Supply

PoE: 80.2.3af/802.3at
Power consumption: 6W typical

Operating Temperature

-20°C to +45°C

Humidity

90% HR (non-condensing at 40°C)

Casing

Aluminum

Environmental Protection

Designed for outdoor use
IP54

Microphone Protection

Foam windshield

Dimensions

Diameter: 138mm
Height: 165mm
Weight: 1.2kg without bracket; 1.8 with bracket

Mounting

On mast with bracket and metallic strip
On wall with bracket
Microphone oriented to the ground
Fixation height: between 2.5m and 10m

Training Mode

Audio recording on production server
No continuous recording and no storage on device
Max 1.5s sample on event