AVES Stadium

Birds often visit stadiums. They damage the lawn, soil seats, and facilities. Efforts and costs involved in eliminating this damage and contamination are high. AVES Industry was developed to detect birds automatically and deter them from sensitive and protected areas. Due to the precise optronic and AI-based software, it is possible to scare away individual birds or entire flocks with event-related sound signals.

Features

- Fully automatic operation and large area protection day and night
- Sound only at bird flight
- Reliable bird detection based on artificial intelligence (AI)
- No habituation effect due to event-related deterrence
- Rapid and sustained decrease in bird infestation
- Mobile operation via a web-based app
- Low maintenance costs by using proven industrial components

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Specification and dimensions AVES Industry

Length	825 mm
Width	545 mm
Height	1,110 mm
Weight	45 kg
Operating conditions	-25 °C to +55 °C Wind load 50 m/s (180 km/h)
Power supply	230 V / 16 A
Network	LAN and mobile data interface
Protection class	IP54
Marking	CE

Specifications Pan-Tilt-Zoom-Camera

Detection	≥ 400 m night ≥ 1,000 m day
Pan/tilt	360° / -90° to +90°
Zoom	31x optical zoom
Lens	Horizontal field of view 63.8° - 2.2° Vertical field of view 37° - 1.3°
Resolution	Full HD 1920x1080
IR illumination	850 nm wavelength

Specifications sound module

Pan/tilt	360° / -45° to +45°
Sound pulse (1 m in front of the sound module)	Adjustable from 0 to 137 dB(A)
Deterrence distance	Adjustable up to 500 m

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