



E-GUARD

Features

- Intruder detection
- Authorised personnel recognition
- Animal friendly
- Safe and cost effective
- 24/7 operation
- Plug and play

TECHNICAL SPECIFICATION

IR channel	VGA (640x480) latest uncooled technology Spectral band: LWIR (8-12 μ m) Field of view: 12.7° x 9.5°
Day/Night channel	High resolution (HD) color sensor: 1600 x 1200 Field of view as IR channel + e-zoom
Spot Light	12.5 Lux (2° at 500m) Colour: 5700 Kelvin 8Hz strobe feature
Speaker	100 Wa output
Laser Pointer (option)	850 nm eye-safe class 1 / IEC 60825
neutralization system	Range: 50 – 100 m Ammunition type: Nylon / Teargas - Caliber: .68 / .50 / .43
Video output	Streamed video on Ethernet link
Power supply	20-30 VDC or 110/220 VAC
Command and control	Ethernet link

Environmental conditions

Operating temperature	-32 °C to +60 °C
Fully ruggedized	(MIL-STD-461 and MIL-STD-810 compliant)

Detection

E-GUARD performs a continuous scan of a designated area using its multi-sensor head. Camera system checks for any moving objects. Streams from both day/night and thermal camera are used to form a fused image giving the best knowledge of the surrounding area. As an option a directional microphone array can be used. This way the system can also perform sound sweeps of the area to listen for any anomalies. As soon as something is detected the system goes into tracking mode and recognition procedure starts.

Recognition

With advanced recognition algorithms E-GUARD is able to distinguish between authorized personnel and intruders. Recognition features also make this system completely animal friendly. Algorithms allow for different biometrical features to be read. Data like body measurements, body weight and facial features are recorded and compared with the database. Assitive smart identification technologies can be used as an option to perform fast identification procedure.

Activision

A high precision pan-tilt unit gives E-GUARD exceptional aiming capabilities. Intruder is neutralized without being inflicted any permanent injuries. The system has the ability to switch between two different types of ammunition. Each giving a certain effect on the intruder.

User can set up E-GUARD activation model.

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT



sales@sensortec-eu.com



www.sensortec-eu.com



Sydney House, 62 Lancaster Way, Ely,
Cambridgeshire, CB6 3NW, UK.