ABOUT BEESENSE

OUR INTEGRATED SOLUTIONS

All-in-one integrated multi-sensor systems

- Flexibility: Modular & scalable integrated, turnkey systems.
- Global presence: International presence and strong client base.
- Fully operational: Strong footprint in the IDF and widely spread along Israel borders.
- Unique product: Unique systems for land, air and maritime applications.

BORDER SECURITY
COVERT/TACTICAL SURVEILLANCE
MILITARY SITE PROTECTION
CRITICAL SITES PROTECTION
MOBILE PLATFORMS
DRONE DETECTING AND TRACKING
AIRPORT PROTECTION
MARITIME SURVEILLANCE
AIRBORNE SURVEILLANCE
PUBLIC TRANSPORTATION PROTECTION
OUR SYSTEMS AROUND THE GLOBE
DETECTION, RECOGNITION and IDENTIFICATION: Type, Age, Distance, Height, GPS location, etc.

PLATFORM FEATURES
- Sensor fusion
- VMD Tracking
- Video Scanning and tracking on Intruder
- Scanning mode from point to point by camera
- Red Zone – Restricted Zone
- Crowd Identification

OPTIONAL FEATURES
- Video Analytics Classifications
- Face Recognition
THE BEESENSE PRODUCT FAMILY

Multi-mission surveillance and observation systems for land and maritime applications.

BEE FAMILY
Powerful mid- to long-range, multi-sensor, observation system for effective visual day/night coverage.

MANTIS FAMILY
Stand-alone tactical observation systems for remote and unattended surveillance missions.

FIREFLY FAMILY
Short-range, multi-sensor surveillance systems - the ultimate virtual fence

Wired/Wireless communication links
(RF, Cellular, WIFI, SATCOM)

Integration to any C2
(Supporting standard ONVIF protocol)
THE 1ST CIRCLE

THE ULTIMATE VIRTUAL FENCE – FIRST CIRCLE FOR PERIMETER PROTECTION

All-in-one multi-sensor
short-range radar, thermal camera, HD low light camera, target classification and video analytics

NO GAPS
Omni-coverage solution for observation gaps filling

Low logistical footprint
Plug & play and remotely controlled with minimum energy consumption
THE 1ST CIRCLE

THE ULTIMATE VIRTUAL FENCE – FIRST CIRCLE FOR PERIMETER PROTECTION

Plug & play integration  |  Energy efficient  |  High survivability - operates in any weather condition  |  Automatic target classification  |  Multiple communication protocols
COVERT STANDALONE SYSTEM

Solar Panel

Hidden Firefly + Communication

Mast

Concrete base + Rechargeable battery

No Infrastructure Required
HIVE C2 APPLICATION

Our Multi-mission C2 APPLICATION

HIVE
Command & Control Application

Sensor Management & Operating System

Wired/Wireless communication links (RF, Cellular, WIFI, SATCOM)

Connecting external sensors (not Beesense’s) that support ONVIF protocol.
24/7, field-proven surveillance systems for borders and perimeter protection
FIREFLY-140SV MOVIE
THE 2\textsuperscript{ND} CIRCLE

COVERT STAND-ALONE TACTICAL OBSERVATION SYSTEM FOR REMOTE AND UNATTENDED SURVEILLANCE MISSIONS.

Remote and unattended
No infrastructure required

Long endurance operation
Operates in any weather condition

Easily camouflaged
Designed to blend into the landscape

Low logistical footprint
Activated Vigilance operation for energy consumption efficiency
THE 2ND CIRCLE

COVERT STAND-ALONE TACTICAL OBSERVATION SYSTEM FOR REMOTE AND UNATTENDED SURVEILLANCE MISSIONS.

- Easy integration to remote-control unit
- Energy efficient
- High survivability - operates in any weather condition
- External communication modem (Cellular / VSAT)
- Active Wi-Fi Antennas
THE 3rd CIRCLE

POWERFUL MID- TO LONG-RANGE, MULTI-SENSOR, HD OBSERVATION CAMERAS FOR EFFECTIVE DAY/NIGHT COVERAGE.
THE 3rd CIRCLE

POWERFUL MID- TO LONG-RANGE, MULTI-SENSOR, HD OBSERVATION CAMERAS FOR EFFECTIVE DAY/NIGHT COVERAGE.

Cooled/uncooled HD multi-channel camera system for ultra-long-range surveillance applications

- Long-range HD Day camera
- Cooled HD thermal camera with continuous zoom
- LRF (20 Km)

Video Analytics On Edge | Stabilised Platform | SWIR | GPS
BEE FAMILY

Stand-alone tactical observation system for remote and unattended surveillance Missions.

BEE1 + Radar

Human Detection (Radar): 800m
Visual Recognition (BEE1): 1200m
2-4 Axis gyro stabilized fully integrated geared and direct drive gimbal solution

- VERY LOW WEIGHT
- Superb LOS stabilization
- Rugged design certified to stand in harsh weather conditions
- Advanced Image processing on Board and Video Analytics
- Low Maintenance required
- Laser range finders, laser pointers, illuminators, automatic video tracker, geo-location / geo-tracker – OPTIONAL
- Operation Temp: -20 to 85°C
- IP66 - Water Proof
LADYBIRD FAMILY

STABALIZED GYMBELS FOR AIR, LAND AND MARITIME SECURITY APPLICATIONS

STABALIZED OBSERVATION SYSTEMS
**MULTI-SENSOR SYSTEMS**

Multi-layered, 24/7, field-proven surveillance systems for borders and perimeter protection.
MULTI-SENSOR SYSTEMS
Multi-sensors system for C-UAS applications
Detection Identification Tracking Jamming
C-UAS Program
**MULTI-SENSOR SYSTEMS**

Multi-layered, 24/7, field-proven surveillance systems for port protection

- **Command & Control and Communication Systems**
- **Long Range surveillance system**
- **Short Range surveillance system**
- **Patrol boat with gyro-stabilized EO/IR system**
- **Cooled HD multi-channel camera system for ultra-long-range surveillance**
- **Stand-alone tactical observation systems**
- **Short Range surveillance system**
- **Gyro-stabilized EO/IR**
Thank You