OMNIVEO³

LED LAMPS INSIDE

FLUORSCENT LAMPS INSIDE

INSECT CONTROL UNIT

OMNIVEO

SMARTCONTROL SC

To assist the pest control market in their quest for better and faster information on the flying insect infestation level in any premises we developed an insect counting system, which can count insects and provide info on this in real time.
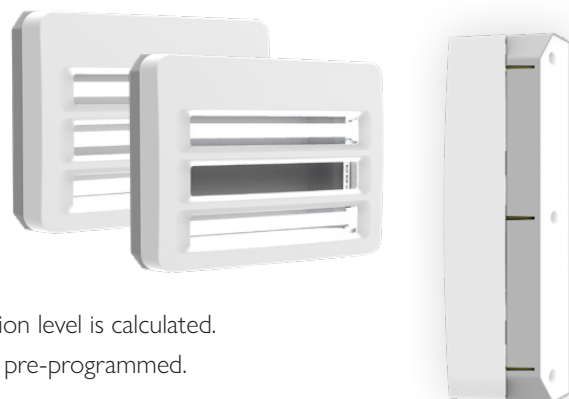
www.insect-trap.net

ALCOCHEM HYGIENE

ALCOCHEM
HYGIENE

Energy saving & effective Smart control

go hand in hand

Omniveo wall mounting system.

A new generation of insect control units suitable for real time monitoring of flying insects. With it is discreet design it's recommended for use in shops and restaurants and dry industrial environments.

Smart control

The Omniveo Smart Control works through new innovations. By means of a high speed camera. The camera records insects which are lured into the trap onto a glue board by an ultraviolet light source. *The data is immediately forwarded to the user.* This is possible thanks to worldwide connectivity over KPN's LTE-M network (with fallback on 2G) and the IoT platform named Cockpit.
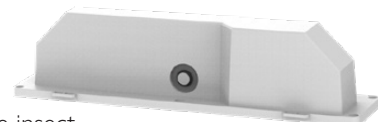
Data

Periodically the data coming from the Smart Control units are collected and compiled on the server and

the actual insect infestation level is calculated. Alarm levels can also be pre-programmed.

When this alarm level is reached, the info is relayed to a service technician, who can take immediate action and drive up to the client, where he can carry out a root cause analysis at the time when it is best suited: directly at the beginning of a potential infestation problem.

A camera module

The camera monitors the insect activity in the insect light trap and registers all insects which land on the centrally placed glue board.

These data are registered by the processor and via the communication module these are periodically relayed to a cloud server.

Real-time monitoring of insects is a huge leap forward. Easy to service, stylish and effective

Technical specifications:	Smart control
Monitoring	In real time, by means of a camera on the module. Camera module monitors over 80% of landing area
System Communication	In real time, by means of 2G/LTE-M on the module via Bluetooth connection *(time, catch, parameters)*
Data storage	Protected area, access via cloud software
Flexible	Camera & Communication module can also be mounted retrofit
Back-up	Back-up battery can store data up to over 1 year
Electrical supply	220-240V ~ 50-60 Hz (Other supply upon request)
Effective area	2 lamps 50 - 100 m², 3 lamps 80 - 150 m²
IP rating	IP 20 or IP 65 (Suited for use in dry or wet areas)
Lamp	2x 15 W or 3x 15 W Astron UV-A lamps in Fluorescent or LED execution
Glue board	2.06.6700 - Scannable technology, multiple size board placement
Approvals	CE / EMC / LVD / RoHS / REACH / ISO 9001 compliant
Guarantee	2 years on mechanical & electrical performance
Ballast	A Philips Electronic Ballast, 40k hrs lifetime
Housing	ABS housing
Weight	4 Kg
Dimensions	495 x 135 x 370 mm

Glueboards

Insects are caught on a glue layer, which preserves them over time. The caught insects can be counted and insect species can be analysed, which offers clear advantages in an IPM approach.

Astron LED lamps (optional)

LED technology offers clear advantages in terms of efficiency (lower energy consumption) and its footprint (compactness)

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