LED LAMPS INSIDE

FLUORSCENT LAMPS INSIDE

OMNIVEO

SMARTCONTROL SC

To assist professional pest manager, food companies and pharmaceutical companies 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.

INSECT CONTROL UNIT

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VECTOTHOR ™

FLYING INSECT CONTROL

VECTOTHOR ™

FLYING INSECT CONTROL

Energy savings & 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 its discreet design it is recommended for use in shops, restaurants and industrial environments, especially in the food industry and pharmaceuticals.

Smart control
The Omniveo Smart Control works through new innovations. By means of a high speed camera it records insects which are lured into the trap onto a glueboard by an ultraviolet light source. *The data is immediately forwarded to the user.* This is possible thanks to worldwide connectivity over the LTE-M network and the IoT platform, 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 information is relayed to a service technician, who can take immediate action and carry out a root cause analysis at the time when it is best suited: directly at the beginning of a potential infestation problem.

Camera module
The camera monitors the insect activity in the insect light trap and registers all insects which land on the centrally placed glueboard.

This data is, registered by the processor and via the communication module it is periodically relayed to a cloud server.

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

| Technical specs:	Smart control
Monitoring	In real time, by means of a camera on the module. Camera module monitors over 80% of the landing area
System Communication	In real time, by means of 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 for over 1 year
Electrical supply Effective area IP rating Lamp	220-240V ~ 50-60 Hz (Other supply upon request) 2 lamps 50 - 120 m2, 3 lamps 80 - 200 m2 IP 20 or IP 65 (Suited for use in dry or wet areas) 2x 15 W or 3x 15 W Astron UV-A lamps in Fluorescent or LED execution
Glueboard	Scannable blue board 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, 40,000 hrs lifetime
Housing	ABS housing
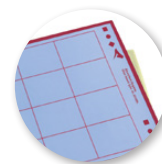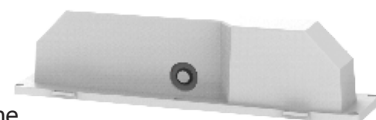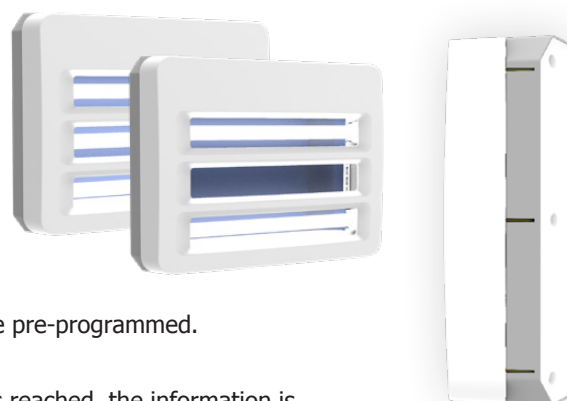
Glue boards
Insects are caught on a glue layer, which preserves them over time.

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)