

Laser guided mosquito zapper



Reference

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Title

Laser guided mosquito zapper

Creation date

Caption

Ferrari Press Agency

Mosquito 1

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See Ferrari text

Picture MUST credit: Photon Matrix

A tiny laser designed to zap mosquitoes dead in the home and outdoors has been unveiled.

The Photon Matrix is said to be capable of detecting a mosquito and gauging its distance, orientation and body size within just 3 milliseconds.

It also knows not to target anything larger than 2cm.

The makers claim it can effectively target mosquitoes with a flight speed of no more than one meter a second and between 2mm and 20mm long.

But it is admitted its efficacy on house flies and similarly fast-moving insects is "significantly diminished."

The device uses a LiDAR light detection and ranging module which determines the locations of objects by emitting laser light pulses.

It then measures how long it takes that laser light to be reflected back by whatever it hits.

When a mosquito is detected, a second laser is instantaneously used to fatally zap the insect.

The basic Photon Matrix has a 90-degree, 3-meter scanning and killing range, which is boosted to 6 meters in a Pro version.

Both models are claimed to be capable of dispatching up to 30 mosquitoes per second even in the dark.

OPS: The Photon Matrix mosquito killer.

Picture supplied by Ferrari (FOTO: DUKAS/FERRARI PRESS)

Special instructions

(c) Dukas

City

Credit
DUKAS
Source
FERRARI PRESS
Author
Photon Matrix
Original references