



Big Dutchman®



VIM

Vitality Monitoring System
efficient, precise and battery-powered

VIM

For laying hens kept in cages – the efficient solution for detecting mortalities

VIM is a system, developed by Big Dutchman, that reliably monitors the health of laying hens kept in cages.

VIM is equipped with one laser scanner in each tier, which scans the hens' legs. When VIM finds larger obstructions, it memorises the cage section where this obstruction occurred. The system can scan up to eight tiers without catwalk at the same time.

VIM runs along the feed trough borders in two tiers. At the end of the row, VIM moves around the corner via a tubular by-pass. Only one device is required per row.

After scanning the entire cage row, VIM moves into the parking position at the feeding end set, where it connects to two charging contacts to recharge its battery.

VIM is very quiet when operating and moves

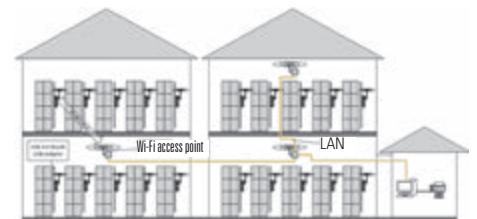
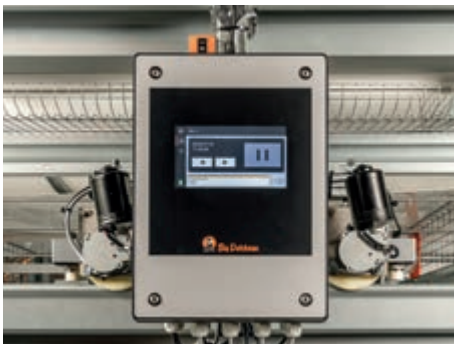
slowly along the cages so it does not startle the birds. No special lighting is needed. In addition to the stand-alone version, where you can read the results directly on the display of the 507 controller, a wi-fi version is also available. The wi-fi version enables the data to be downloaded onto a PC and printed out as a report.

Tubular by-pass for corners



ADVANTAGES

- ✓ laser-based monitoring of laying hens: efficient and very precise;
- ✓ battery-powered, i.e. no cables;
- ✓ robust and therefore suitable for poultry houses;
- ✓ easy to use: four scans per day are recommended for reliable results;
- ✓ 507 controller with well-arranged display: results directly at the controller;
- ✓ wi-fi antenna for data transfer to the farm PC.

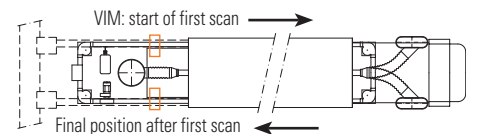


VIM works either as a stand-alone system or uses wireless LAN or LAN to transfer data to the farm PC

The 507 controller with its large display is the core of VIM. The farmer can configure all settings at this controller and read the scanned results.

Two small 24-volt motors ensure that VIM runs slowly and securely in both directions.

In each tier, the laser scans at the height of the birds' legs. VIM registers any larger obstacle. If this obstacle is still detected after a total of four scans per day, the probability of VIM having located a dead bird is very high.



One circuit corresponds to one scan – four scans per day – recommendation: scanning during feeding



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