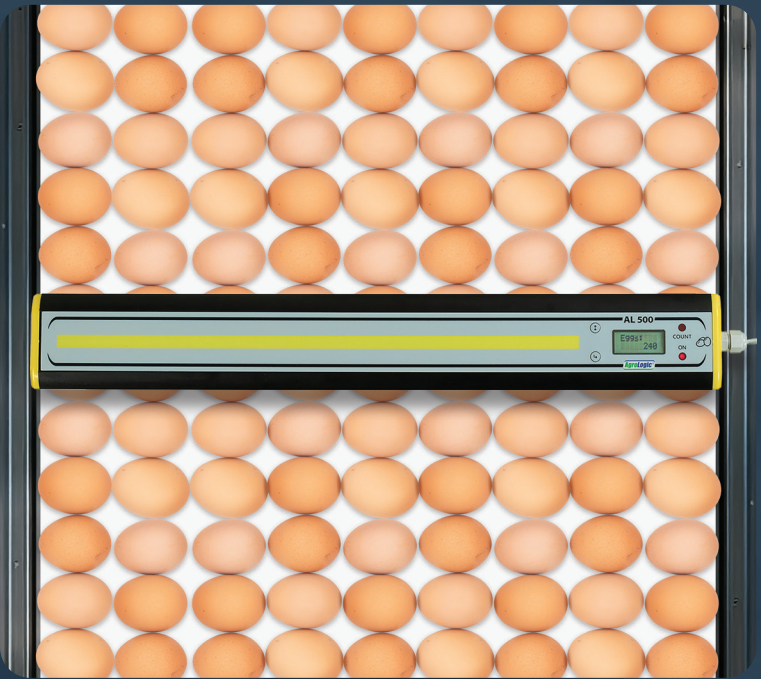


# AL 500 Egg Counters

We make every egg count.



## Reliability

The AL Egg Counters are a game changer in egg counting, using top-of-the-line innovative laser beam technology, under licensed patents number 250809, 3586100 and 07328-p0001A.

Unlike conventional counters, which use LEDs and measure the intensity of reflected light, the AL Egg Counters use **highly intelligent laser sensors which measure distance**.

As a result, the AL Egg Counters achieve the highest level of accuracy and precision, accurately counting eggs passing under it **regardless of various factors, such as the color of the conveyor belt, the color of the eggs, the orientation of the eggs on the conveyor, the congestion of the eggs on the belt and the lighting conditions. By using the AL Egg Counters, we eliminate any influence from such factors on the counting.**

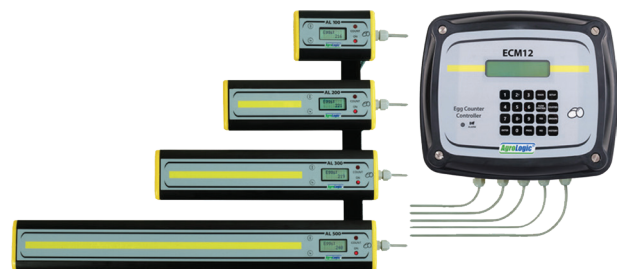
The AL Egg Counters work with all types of egg conveyors (rod conveyors, belt conveyors, etc.). Thanks to an innovative design, the installation of the AL Egg Counters on the egg conveyor is **fast and easy**. With its simple calibration option, the installation height can vary from 60 to 75 mm, so you don't need to install the egg counter precisely. A wide range of input

voltages allows the AL Egg Counters to be **installed regardless of the power source.**

The AL Egg Counters have a large display, which shows the total egg count, current distance measured by each sensor and an easy to use calibration option. Due to the built in non-volatile memory, **it does not lose count** when the power is off. Those features enable the use of the AL Egg Counters as a standalone unit and makes it the reliable and user-friendly egg counter that it is.

The AL Egg Counters can be connected to the Agrologic ECM 12 or Image II controllers to display and log the eggs counted, as well as to a wide variety of other controllers in the market.

How to connect the AL Egg Counters to a controller: Standard open-collector pulse output. For each egg counted, **a 10ms width pulse is generated on this output.**



Website



Product



Contact us



Your Vision, Our Mission - Expert Farming Solutions for Big Thinkers

✉ info@agrologic.com

☎ +972-9-8626089

🌐 www.agrologic.com

📍 27 Yad Harutzim  
St. P.O. Box 8898,  
Netanya 4250534, IL



## Technical specification

Power supply: 6-24 VDC / 8-18 VAC

Power consumption: Max 2.5W

Digital Output: Open Drain 24V/0.5A

Pulse width: 37.5 ms

Accuracy (under normal conditions):  
99.8% or higher

Enclosure: IP52

Operating temperature range:  
0° to +40° Celsius (32° to 104° Fahrenheit)

Installation height: 60-75mm

Dimensions: 560x75x30 mm | 22.04x2.9x1.2 inch

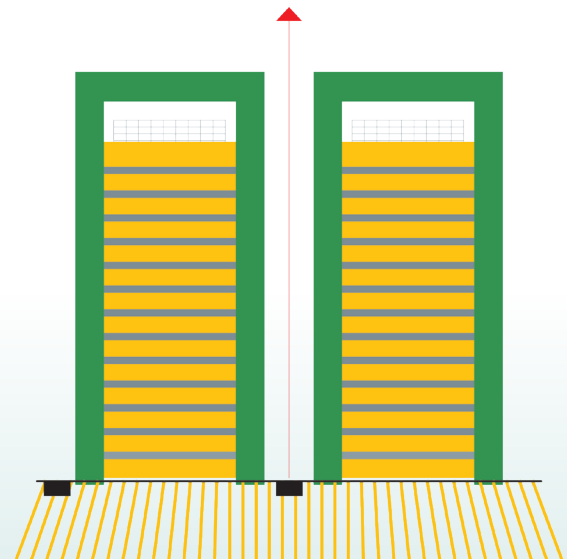
Weight (without mounting bracket):  
928gr | 2.05lb

Scan width: 500mm

Conveyor speed: 0-8m/min | 26f/min

### Row counting

up to 12 egg  
counters



### Tier counting

up to 99 egg  
counters

