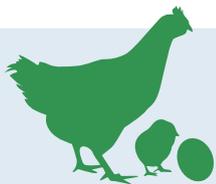




Friendly, Advanced, Affordable



AL100 Egg Counter

The AL100 is a game changer in egg counting, using top-of-the-line innovative laser beam technology.

Unlike conventional counters, which use LEDs and measure the intensity of reflected light, the AL100 uses **highly intelligent laser sensors** which **measure distance**.

As a result, the AL100 achieves 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 AL100, we eliminate any influence from such factors on the counting.**

The AL100 works with **all types** of egg conveyors (rod conveyors, belt conveyors, etc.). Thanks to an innovative design, the installation of the AL100 on the egg conveyor is **fast and easy**. With its **simple calibration option**, the installation height

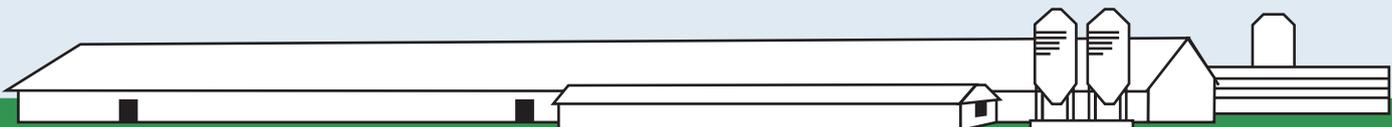
can vary from 60 to 75 mm, so you don't need to install the egg counter precisely. A wide range of input voltages allows the AL100 to be installed **regardless of the power source**.

The AL100 has 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 AL100 as a standalone unit and makes it the reliable and user-friendly egg counter that it is.

The AL100 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 AL100 to a controller:

Standard open-collector pulse output. For each egg counted, a 10ms width pulse is generated on this output.



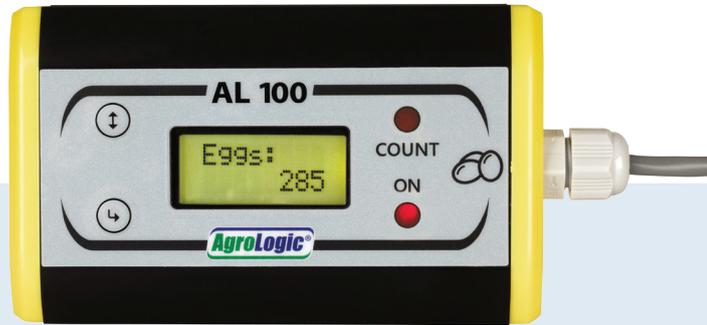
Technical Specifications:

| | |
|------------------------------------|---------------------|
| Power supply | 5-24 VDC |
| | 8-18 VAC |
| Power consumption | Maximum 2W |
| Digital Output | Open Drain 24V/0.5A |
| Pulse width | 10 ms |
| Accuracy (under normal conditions) | 99.9% or higher |

| | |
|-------------------|--------------|
| Temperature range | 0 - 40°C |
| Enclosure | IP52 |
| Weight | 280 g |
| Dimensions | 144x75x30 mm |
| Scan height | 60-75 mm |
| Scan width | 100 mm |
| Conveyor speed | 0-8 m/s |



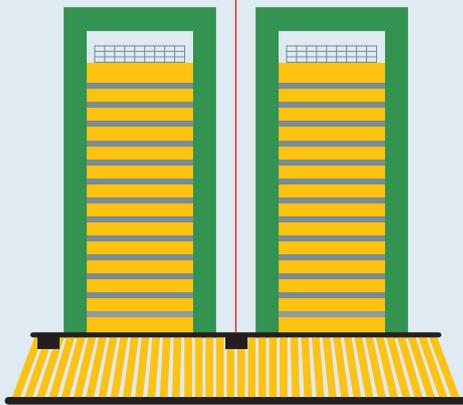
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Connection options

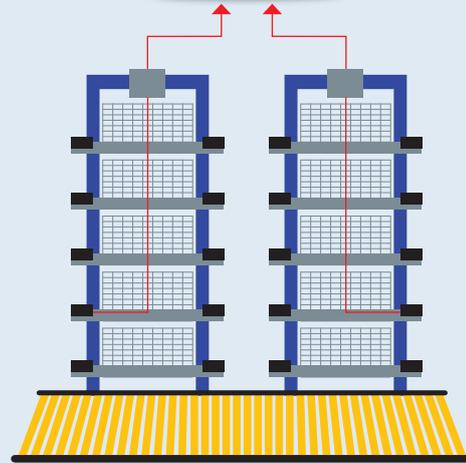
Row counting

up to 12 egg counters



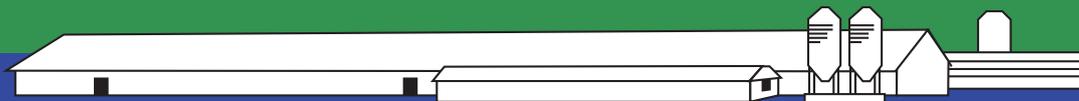
Tier counting

up to 99 egg counters



AL100

WE MAKE EVERY EGG COUNT



Technical Specifications:

| Type | AL100 | AL200 | AL300 | AL400 | AL500 |
|---------------|-------|-------|-------|-------|-------|
| Conveyor Size | 100mm | 200mm | 300mm | 400mm | 500mm |