Dutch Vision Solutions offers a new approach to Machine Vision with the revolutionary **Smart Vision Unit®**. The robust, stainless steel, food approved frame, camera housing and electrical panel (all IP67) makes the ideal solution for those areas where processing lines are operating at the worst circumstances.

With the virtual Plug and Play concept in mind there's no valuable processing and/or maintenance time lost when installing the Smart Vision Unit® and setting up the parameters to your requirements. No maintenance is needed, as there are no moving parts in the system and the basic concept is based on a non-contact principle.

This is extremely useful in the food processing industry where cross contamination now can be greatly reduced. The best possible means to improve the way your processing line operates is with the Smart Vision Unit®.

It will gather the information you need in regards to:
• detecting missing or incomplete parts
• reading barcodes or data matrix information
• taking measurements

If we missed some possible application please contact us and ask if we might be able to help.

Our goal is to make Machine Vision as widely available as we possibly can!

ABOUT US

Dutch Vision Solutions is located in Rotterdam, The Netherlands. We are a young dynamic company that supplies a global market with the easy to use **Smart Vision Unit®**.

PHILOSOPHY

The philosophy behind this **Smart Vision Unit®** concept comes from years of field experience with various processing lines operating in the worst possible conditions. During this time we came to the conclusion that simplicity is the keyword.

GOALS

Our goal is to make Machine Vision as widely available as we possibly can at a competitive price. We therefore developed the **Smart Vision Unit®** concept where we combined the basics of Machine Vision and incorporated it with a robust, stainless steel, food approved frame, camera housing and electrical panel (all IP67)

CONCEPT

The concept of the **Smart Vision Unit®** is based on simplicity so we went 'Back to Basics'. There are no monitors or PC's installed as all he necessary programs are on the vision camera. We will use an already existing PC or Laptop and install the GUI software then show you how to set the Smart Vision Unit up so you can change it at will without our help.

INTENTION

We will work with you to find the best possible solution for implementing Machine Vision technology in to your way of processing.

PRODUCT

Here on the right you'll see some examples of the **Smart Vision Unit®** installed with their respective frames. The frame and/or back ground collar may vary depending on where it's placed, overhead conveyor, conveyor belt and so on. The same goes for illuminating as this depends on the object and the way it needs to be checked. Over 70% of successfully operation of a Machine Vision application depends on correct illumination! The remaining 30% comes from choosing the appropriate program for the task that needs to be done. With the **Smart Vision Unit®** you can choose from 7 different programs: brightness, contrast, contour match, edge count, width, pattern match and position, and store up to 7 different images in its memory. Such as input vs. output, it will check your overhead conveyor for missing parts such as broken trolleys or missing wheels, it will protect your valuable processing machines and units from damages due to wrongly positioned or bent shackles.

SALES

EUROPE & THE REST OF THE WORLD

Dutch Vision Solutions
Zuidhoek 103
3082 PD Rotterdam
The Netherlands
Tel +31 (0) 645 984 199
Fax +31 (0) 180 330 515
info@dutchvisionsolutions.com

UNITED STATES & CANADA

Atlanta Automation, Inc
3343 W Hospital Ave
Atlanta, GA 30341
United States
Tel +1 770 331 77 35
www.atlantaautomation.com
info@atlantaautomation.com

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