

Three Improvements for an effective Machine Design

Compact Body

All in one Vision Sensor

All-in-one compact size that is perfect for use in tight spaces or as an aftermarket option. Compared to more-advanced Vision Sensors with multiple components, this Sensor boasts a much more efficient hardware design.

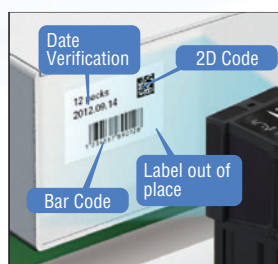


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Extended Functions

Image Sensor, OCR, and Code Reader in One

The OCR function, with a "build-in" dictionary and the Code Reading, ability to recognize 15 codes types add to the solution and provide a powerful upgrade !



» Image Inspections p.06

» OCR p.08

» Code Reader p.10

Diverse Lineup

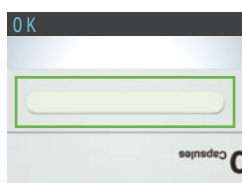
A Lineup That Fits a Wide Range of Equipment

Expanded inspection menu, camera variations, and communication interfaces with the same pricing level as our previous FQ Series.

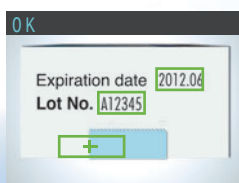
With a wide range of sensors, an option for every application now becomes a standard option.



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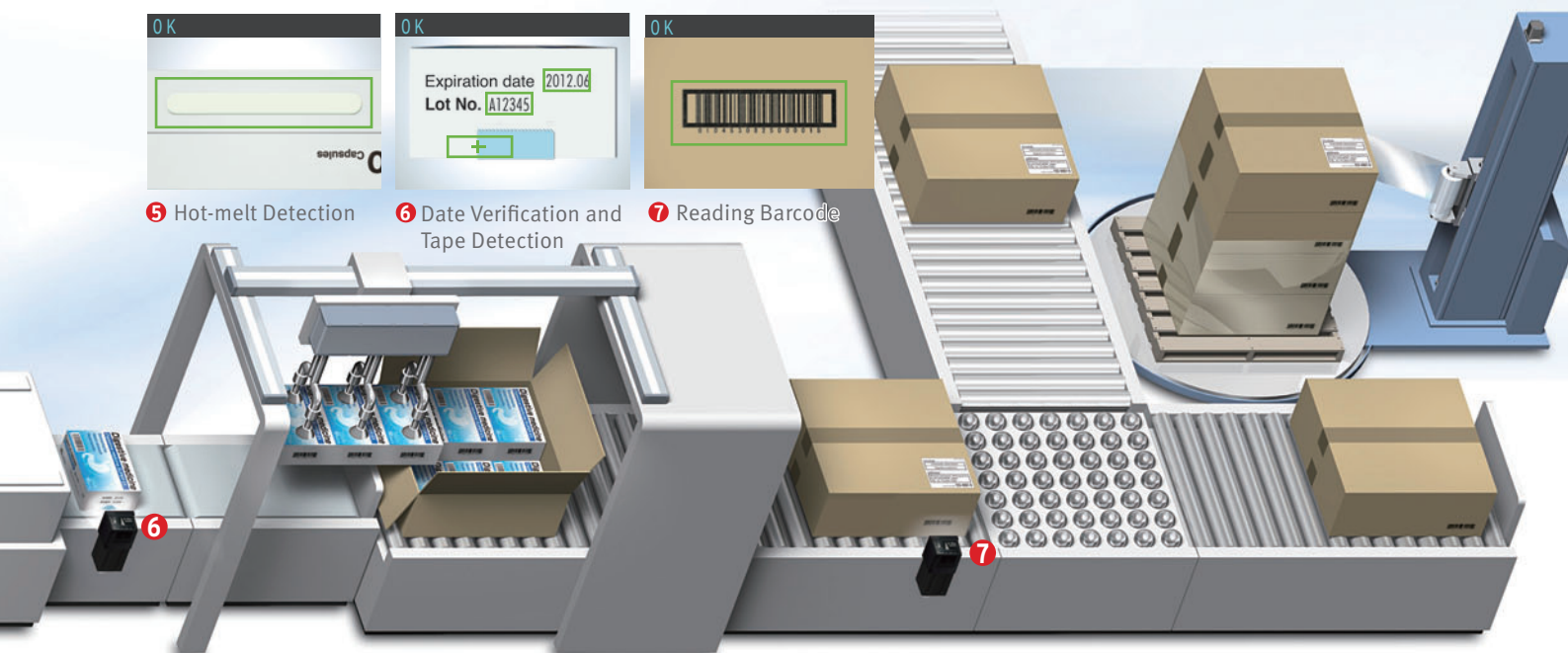
5 Hot-melt Detection



6 Date Verification and Tape Detection



7 Reading Barcode



Compact

All You Need is One

All You Need in One Package

Image Processor

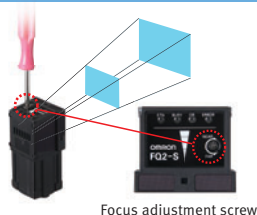
Although previous Vision Sensors placed the image processor in a separate Controller, now we have built the processor into the camera unit.

High-power Lighting

The Sensor includes high-power lighting capable of evenly lighting across a wide field of view. This provides sufficient lighting even when the enclosed polarizing filter is used.

Adjustable lens

The focus of the lens can be adjusted to take clear images for the specific field of view and installation distance you need.



I/O Power Supply Connector

The external output line for inspection results, the input line for changing the setup, and the power supply line are all combined into one connector.

Ethernet Connector

Commands can be input from a PLC to control the FQ2, and inspection results and measurement results can be output from the FQ2 to a PLC. You can also transfer images to a computer.



IP67 Water Resistance



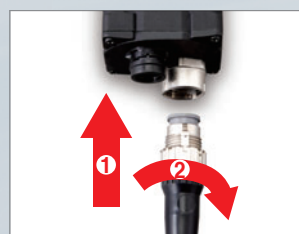
The sensor can be used in wet environments.

Flexible Cables



All cables from the camera are flexible. This allows the Sensor to be used safely on moving parts.

Smart Click Connectors



Connection is made quick and easy with a clear, definitive click-into-place mechanism.