

# Inspection & Traceability

## Xpectia FH Vision System



### Traceability through serialization

The ability to trace individual products through the supply chain is becoming increasingly important to fight counterfeiting and increase consumer safety. This applies to the pharmaceutical, cosmetic, tobacco as well as to the food & beverage industries.

While traditional lot and batch level traceability provides a level of supply chain risk management, serialization

provides item-level traceability. This means individual items can be traced from manufacture, right through distribution and retail to end consumer use. Among the many benefits this includes ensuring individual items are authentic and whether they have been distributed via legitimate channels.



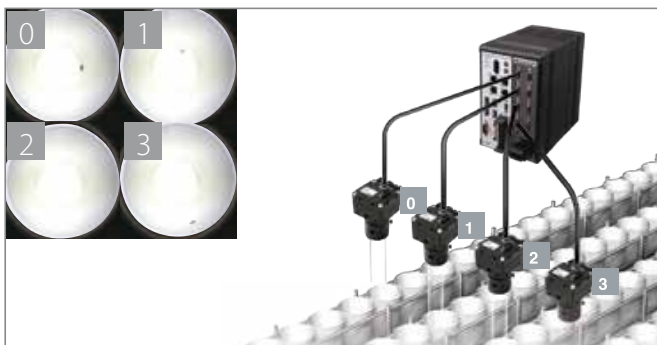
# Inspection & Traceability

## Xpectia FH Vision System

### High precision and ultra fast parallel quality inspection

Designed for use in all types of object inspection, position/orientation and measurement operations, this compact camera and controller system is easily integrated into almost any machine or robot. The system is uniquely capable of providing faster, more precise work throughput - to give you more efficiency, less cost and more competitive advantage.

- Multi-core processor
- Fast EtherCat-Communication
- Innovative Vision System
- Up to 8 high-resolution cameras
- Supports Microsoft® .NET
- Sysmac Studio Software-compatible



### Process multiple lines without waiting

Four controllers are compressed into one without increasing the line cycle time. You can greatly reduce costs for processes that involve many lines.

*Would you like to know more?*

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### Versatile code verification and serialized code reading



#### Barcode

JAN / EAN / UPC; Code39; Codabar; ITF; Code93; Code 128 / GS1-128; GS1 DataBar; Pharmacode



#### 2D-Code

Data Matrix; BARCODE; MicroQR; PDF417; Micro PDF



#### Printing quality evaluation

based on ISO/IEC 15415

### Integrated programming and interfacing with Sysmac Studio Automation software

### Interactive programming with smart image enhancement

### Interactive Machine Design – Simulation of vision guided robot paths

### Interactive Machine Operation – intuitive customized user interfaces