FyrEye-3410 Battery Inspection Systems

The FyrEye-3410 family battery inspection systems will automatically inspect batteries for manufacturing defects prior to being packaged for sale.

The FyrEye-3410 family is capable of inspecting a wide range of battery styles. The FyrEye-3410 is designed for inspecting the batteries themselves, another FyrEye system is available for product packaging inspections. The batteries that the FyrEye-3410 can inspect are:

- Wet cells
- Dry cells
- Disposable batteries
- Rechargeable batteries
- Household batteries
- Automobile batteries

FSI has successfully been able to inspect battery cells of all different shapes and sizes, such as:

- Cylindrical
- Square
- Rectangular
- Button
- Micro

The FyrEye-3410 will inspect all components of the battery to ensure:

- All external components are visible
- Proper lamination
- No cracks are present
- No corrosion is present
- Labeling is applied and correct
- No dents are present
- Products are filled to proper level (where applicable)

The FyrEye-3410 is a family of systems, customized to your application and requirements. Your particular model will be from the same family, but will have different variations in equipment and capabilities. The FyrEye-3410-02 is an example, it includes:
- Spreadsheet storage of numerical results
- Fulfills application and performance specification # VAS-3600-02 (copy available). Each application will have its own VAS (Vision Application Spec Sheet).
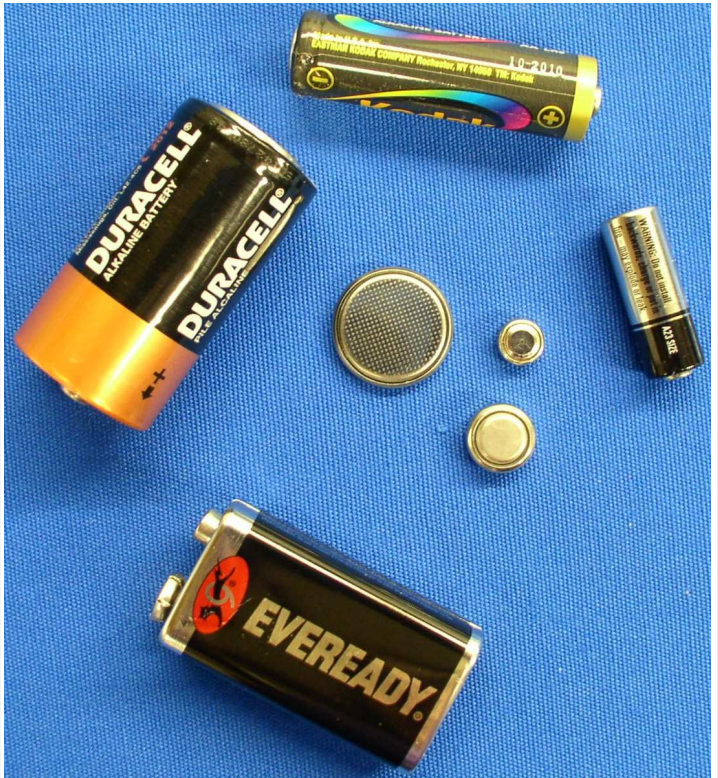
- Solution-engineered lighting specialized for solution performance.
- Direct hardware trigger option
- 8 discrete inputs /outputs

Please contact FSI for a system and solution that is confirmed for your application.

FSI has been a trusted factory automation manufacturer for over 50 years. Our Assured Path to Success™ methods and programs have a 100% success rate in this field of machine vision. Because our engineers are deeply involved in understanding the application, recommending the products, and supporting the software, these systems are uniquely suited for long term supportability and standardization.