

Mechatronics Vision Inspection, Siemens S7-1500 | Multimedia Courseware

Machine Vision Software - WX33738-AA03UEN-E1

Objective 1: Describe How Vision System Software Captures, Stores, and Displays Images

Viewing Images

Showing Quoted Results

Recorded Image

Filmstrip

The user may navigate to the recorded folder to view images, or they are accessed by viewing them as a filmstrip within the program.

While still running, the software can access a limited queue of recent images called a filmstrip. This shows each image as well as descriptions like file size and time stamp.

PC

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This smart factory vision inspection course covers machine vision basics and software, as well as vision system operation. Learners will study types of vision applications, how to connect a machine vision camera, how camera setup and lighting affect vision images, software techniques used to analyze image regions, tools used to detect pixel patterns, how to set up a machine vision application, and how a vision system communicates using discrete I/O.

Multimedia

Learn Industry-Applicable Smart Factory Vision Inspection Skills

With Amatrol's comprehensive curriculum, students cover a wide variety of Vision Inspection skills. For example, learners will study the Machine Vision System, and the components that make it up. Additional skills and topics include various types of Vision Applications; connecting and verifying functionality of a Machine Vision camera; capturing, storing and displaying images; and tools used to detect pixel patterns.

Additional Info

• Additional Requirements

- Computer: [See requirements](#)

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