



The new Graftek Imaging Machine Vision Development Kit:

The new Development kit is a complete set of machine vision hardware designed to accelerate the development of vision applications.

Includes:

- 1.3 Megapixel camera, 30 FPS, Monochrome, USB3
- Multiple Lenses, 12.5 mm and 5 mm focal length
- Back Light (red), Ring Light (white, polarized) and Multicolor Light with 6 HB LED's (White, Red, Blue, Green, UV, IR)
- Extension tubes, Linear Polarizing filter
- Desktop stand, fixturing, calibration and test target, case
- Free Camera Software Suite (download)

Applications:

- Experimentation of vision hardware setup
- Prototyping and Proof-of-Concept of vision inspection
- Training for machine vision system development
- Create calibrated measurements
- Explore lighting geometries, colors and polarizations
- Select Light Colors for different inspections
- Problem Solving –acquire images online
- Demonstrations of vision hardware
- Understand machine vision lenses
- Explore software for inspections
 - Locate Objects
 - Read 1D and 2D Bar Codes
 - Make dimensional measurements
 - Optical Character Recognition
 - Pattern Recognition

Industries:

- Scientific, Research and Development, Educational
- Manufacturing, Food processing, Medical
- Test and Measurement, Semiconductor, Electronics
- Automobile, Consumer goods, Packaging

For: Lab Use, Desktop, Online prototyping, Robotics