



## Optel Vision Software Tools

### OCV

print quality verification

character segmentation

### OCR

OCV/OCR Scroll

Random Orientation Inspection Tool  
(Codes, Bar Codes, etc.)

### Library Teach Tool

Linear Bar Code Reader Tool  
(Code 128, RSS, Pharmacode, etc.)

Linear Bar Code Verification Tool  
(Code 128, RSS, Pharmacode, etc.)

Linear Bar Code Grading Tool  
(Code 128, RSS, Pharmacode, etc.)

2-D Bar Code Reader Tool  
(DataMatrix, PDF 417, RSS Composite)

2-D Bar Code Verification Tool  
(DataMatrix, PDF 417, RSS Composite)

**2-D Bar Code Grading Tool**  
(DataMatrix, PDF 417, RSS Composite)

Symbology Auto-Detection

Geometric Correction Tool (2D & 3D)  
(Translation, Rotation, Scaling)

Real-Time 3-D Mapping Tool  
(Image Unwrapping)

Morphology Tool  
(Dilation, Erosion, Opening & Closing Tool)

Pattern Finder Tool  
(includes Locate Tool)

Edge Verification Tool

Shape Detection Tool

Shape Fitting Tool

### Measurement Tool

(Gauge, Radius and Angle Reference Tools)

### Laser Profiling Tool

### Vectorization and Polygonization Tool

### Color Blister Pack Verification Tool

### Math Tool

Color Verification Tool  
(RGB, HSI, CIE Lab)

### Blob Verification Tool

Count Tool  
(integrated into inspection frames)

### Corner Tool

### Advanced Edge Finding Tool

### Symmetry Finding Tool

Mask Tool  
(integrated into inspection frames)

Communication Tool  
(includes Inter-Analysis Communication Tool)

Advanced Filtering, Noise, Removing,  
Contrast Correction Tool  
(a.k.a. Advanced Binarization Tool)

### Background Removing

### 3-D Calibration from 1 Camera + 1 Sensor

### 3-D Calibration from 2 Cameras

### Embossed Code Verification Tool

### Image Stitching Tool

### Track & Trace Tools

(Serialized Codes, RFID Reading, e-Pedigrees, etc.)

### 21 CFR Part 11 Tool

### Line Monitoring Tool

All necessary application specific tools are selected, combined and optimized on a project-to-project basis, and most tools are preconfigured prior to delivery of the system. Additional software tools and functions are either set through Optel Vision's multi-functional inspection frames, or they are easily accessed through the Optel Vision intuitive touch-screen interface; no computer or mouse required. Inspection setups, data collection and/or changes to inspection parameters are quickly accessed through a sequence of easy-to-follow operations so little to no training is required for operators.