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## SCORPION VISION SOFTWARE® 8 LITE PRODUCT OVERVIEW

Scorpion Vision Software® is an independent and open software tool for industrial vision. It is the first configurable 3D framework for machine vision.

The system gives the user the choice of a small form factor with the Sony SmartCam or the power of a quad core PC.

Scorpion Vision Software® is a family of products:

**SCORPION LITE** - for simple tasks replacing sensors

**SCORPION BASIC AND BASIC 3D** - a complete vision system, typically used for robot vision, colour processing and assembly verification.

**SCORPION PREMIUM AND PREMIUM 3D** - for 3D systems, high precision gauging, robot vision and label inspection

**SCORPION VISION SERVER™** - running multiple camera systems on quad core server

**SCORPION MAINTENANCE** - for maintaining and testing profiles on a separate computer

**SCORPION IMAGE LOGGER** - automatic image capture, database access and image saving

**SCORPION SMARTCAM AND SMARTCAM3D** - configurable machine vision in a small form factor

For more information:

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Scorpion Lite is designed to solve simple tasks. With its low price and ease of use, a production engineer can measure dimensions and diameters, count and check presence of objects and color inspection and verification. In many cases Scorpion Lite and a low cost USB or FireWire camera will replace hardware sensors due to the greater flexibility and the higher performance of a vision system.

Scorpion Lite is installed on a standard windows PC and will in many situations coexist with other applications on a PC. Scorpion Lite is a complete vision system for one VGA camera. Multiple cameras can be connected adding camera licenses.

### APPLICATIONS USING SCORPION LITE

#### SCORPION BARCODE

Scorpion Barcode is a camera based automatic barcode reader application supporting multiple readers on one PC. Scorpion Barcode is a Scorpion Lite with an integrated Euresys EasyBarCode™ reader software module.



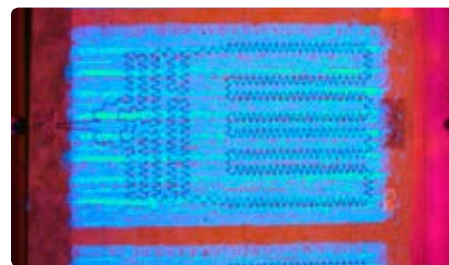
Scorpion Barcode

#### SCORPION MATRIXCODE

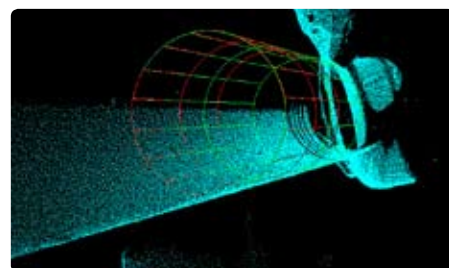
Scorpion MatrixCode is a camera based automatic 2D MatrixCode reader application supporting multiple readers on one PC. Scorpion MatrixCode is a Scorpion Lite with an integrated Euresys EasyMatrixCode™ reader software module.

#### COLOUR IDENTIFICATION

The system picks the best colour match from a set of reference images and calculates the color coverage of the inspected item. The SurfaceAnalyzer is a unique tool performing color, texture and shape classification of multiple objects.



Glue detected with colour identification.



3D support is available as an option to Scorpion Lite.

#### PRODUCT UPGRADE

The upgrade price is the actual price difference between the two products when ordering added 10%. Prod. no. 10-099.

#### TOOL UPGRADE

All Scorpion tools can be added to your Scorpion Lite licence.  
Tool upgrade prod. no. 10-091, 10-094.

#### CAMERA AND RESOLUTION UPGRADES

Additional camera licenses and resolution upgrades can be added to the Lite License with limitations. More information about product capabilities is found in the Scorpion Tools document.  
Prod. no. 10-090, 10-092.