



SCORPION VISION SOFTWARE® 8 BASIC 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

Scorpion Basic is a complete vision system. You get an XGA camera license and all the commonly used tools.

With the Geometry tools new points and lines can be constructed and measured from detected details. Reference tools handle rotation and gauging in engineering units.

This version competes very well with vision sensors typically if there is a need to handle many product variants and variations.

Scorpion Basic 3D is a two camera system with all the basic 3D tools included.

SONY SCORPION SMARTCAM

In close cooperation with Sony, we have integrated the Scorpion Vision Software® into the XCI-SX1 SmartCam.

A Basic version of Scorpion running on top of the Windows XP operating system, processes the images inside the camera.



The combination of Sony SmartCam's high resolution images and Scorpion Basic's world class gauging tools is ideal for high precision measurements and robot vision applications.

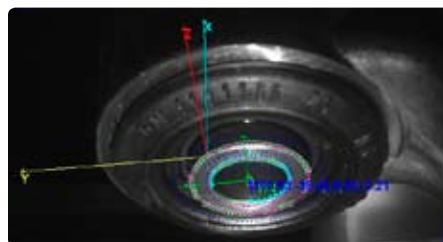
APPLICATIONS USING SCORPION BASIC

ASSEMBLY VERIFICATION

Scorpion Basic is used in a large number of assembly verification solutions. High reliability and flexibility are achieved by using Scorpion Basic, standard PCs and firewire imaging.



Assembly Verification in the Pharmaceutical industry



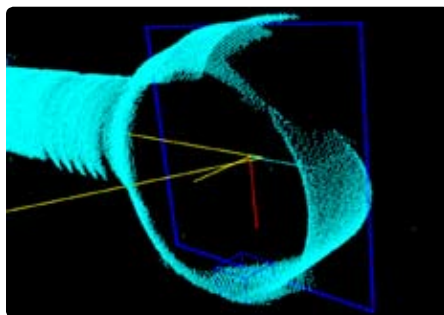
2D measurements with Scorpion Basic.

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

TOOL UPGRADE

All Scorpion tools including 3D tools can be added to your Scorpion Basic licence. Tool upgrade prod. no. 10-091, 10-094.

CAMERA AND RESOLUTION UPGRADES

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