



SCORPION
VISION SOFTWARE®

Evolving visions



Scorpion 3D Stinger 3D Surface Inspection

Sony Speaker's Corner Vision-2011

Thor Vollset – Managing Director
TORDIVEL AS

The company behind Scorpion Vision Software

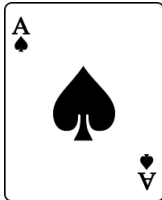


November 5, 2011

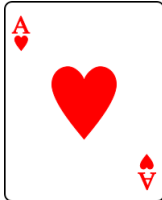




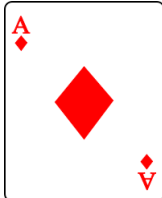
Play Our Game



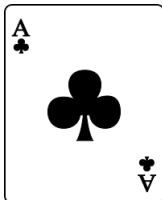
Scorpion Vision Products



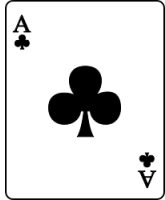
Scorpion Vision OEM



Scorpion Vision Integration

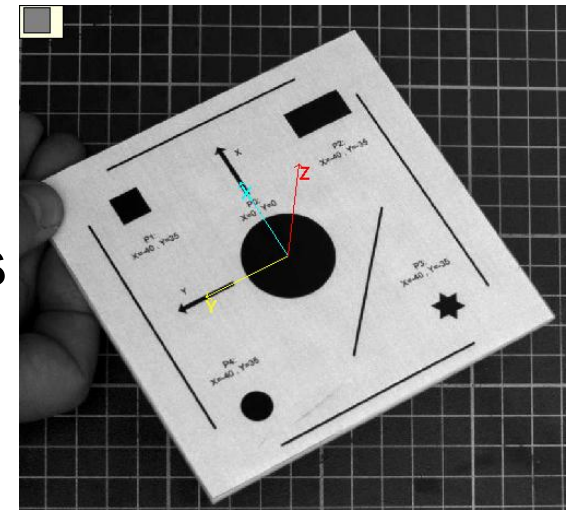


Scorpion Vision Framework



Why 3D Machine Vision?

- **3D Camera Calibration**
 - Fundamental advance in machine vision
 - **Knows where every pixel moves in space 😊**
- It is obvious when it is working
 - The diameter calculation is within a 1/100 mm
- It is more reliable and more accurate
 - Can make systems that never will fail!



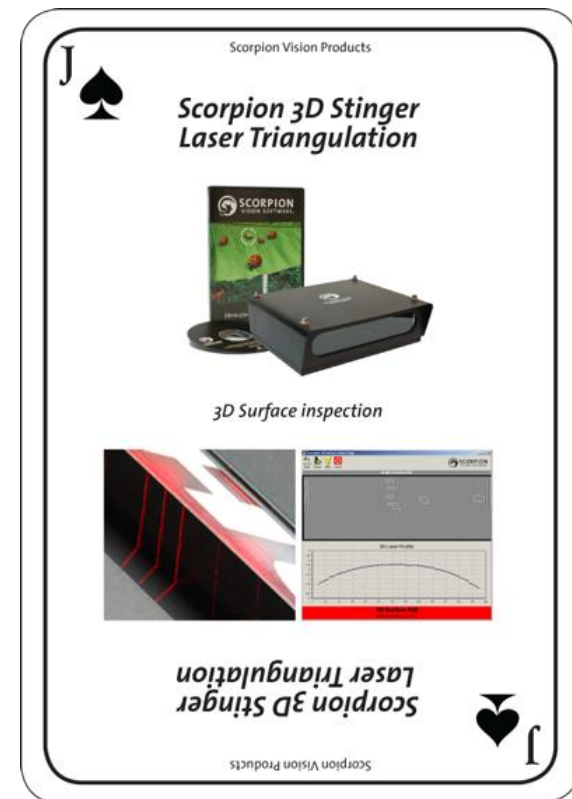


Scorpion 3D Stinger Surface App

Based on Scorpion 3D
Stinger Camera

- Inside a Sony XCG GigE camera and a laser

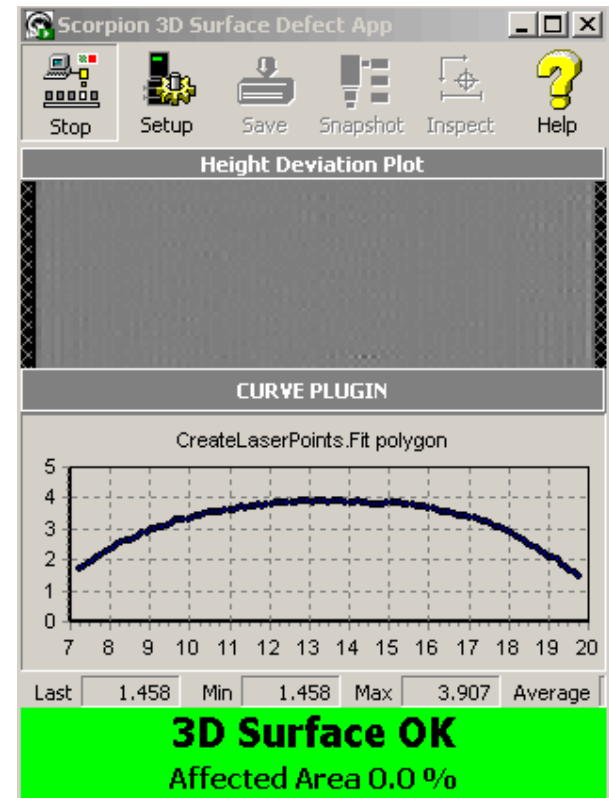
Scans 50 – 150 profiles /
second with the highest
accuracy





Scorpion Vision Apps

- New in Scorpion 9.0
- Low cost
 - easy to use Machine Vision
- Targets
 - Scorpion Mono Stinger
 - Scorpion SmartCams from Sony
 - **Scorpion 3D Stinger -- >**
 - **3D Surface Inspection**
 - Multicore Industrial PC

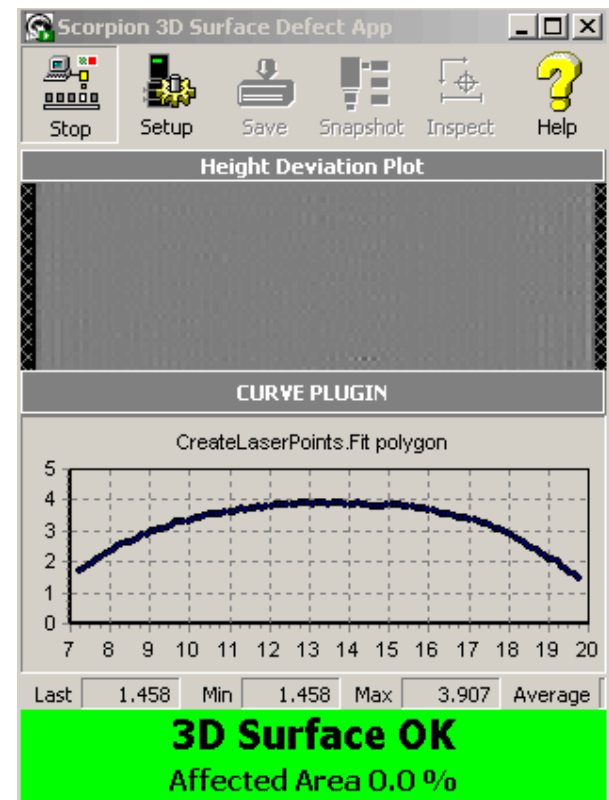




Scorpion Vision App Demo

Scorpion 3D Stinger -->

- **3D Surface Inspection**





Scorpion 3D Stinger for Robot Vision

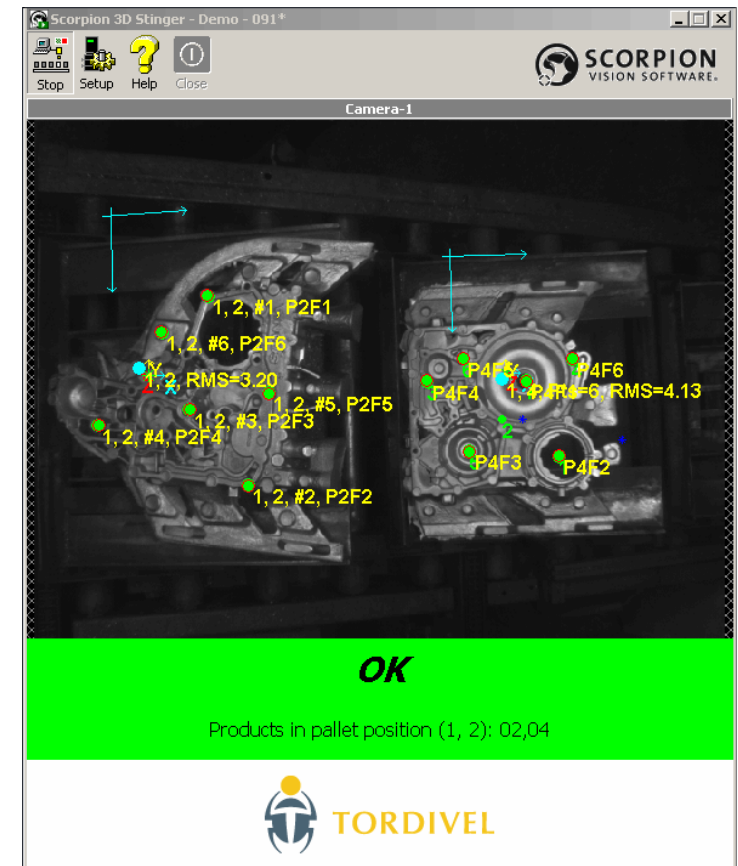
- Locates and Identifies parts in 3D using 3D feature location
- The best stereo vision for 3D Robot Vision
- Sony XCG Inside
- Never Fails
- See Demo at Polytec Booth





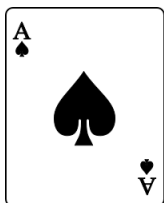
Scorpion 3D Stinger for Casting Industry

- Locates and Identifies Casting Parts in 3D
 - Locates based on 3D features coordinates
- Never Fails
- Very demanding casting 3D Robot Vision

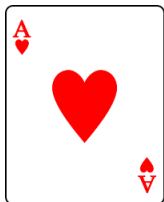




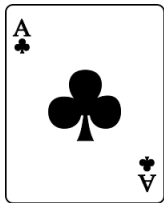
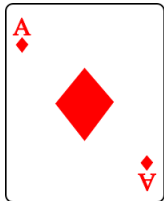
The Scorpion Vision Game



We have a complete deck of cards in the power game. We want you to play!



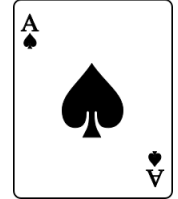
In every suite there are 13 cards plus jokers all designed to fit your needs for performance, speed, robustness, low-cost, accuracy and more.



You can mix and match from any suite for an optimal solution to your challenge within the large and demanding field of 2D and 3D Machine Vision.



We invite you want to play?



- Tordivel AS – www.tordivel.no
 - Thor Vollset – thor@tordivel.no
 - **tordivelblog.wordpress.com**
- Scorpion Vision Software
 - www.scorpionvision.com