

SCORPION 3D BOX CAMERA

SCOPE

Scorpion Stinger™ is a family of machine vision components and products. They provide building blocks for OEM and system integrators.

Scorpion 3D Stinger™ cameras have:

- industrial strength
- flexibility
 - baselines from 10mm - 1000mm
- functionality

The box camera targets large working distances and working areas. Every camera is tailored to the application and are factory calibrated.

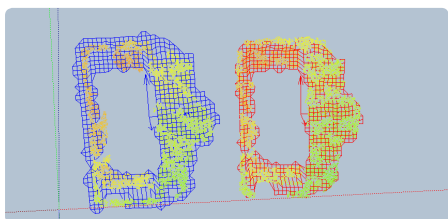
CONTENT

The Scorpion 3D Box Camera consists of:

- two or more [Scorpion Box Cameras](#)
- a Stinger camera flexible length bracket
- optional LED and Laser RPP Box
- optional ethernet cable to PC
- open ended Box Camera Hirose cable to termination panel

POWER CONSUMPTION

The units is powered with 12 and 24 Volt Type typical power consumption is 12 Watts. The actual power consumption depends on camera configuration.



3D Object Location

For more information:
Tordivel AS
Phone +47 2315 8700
office@tordivel.no
www.scorpionvision.com

Scorpion Vision Software® is a registered trademark and Scorpion 3D Stinger™ is a trademark of Tordivel AS.

The Scorpion 3D Box Camera™ is a cost-effective, high performance and flexible industrial camera enclosed with integrated illumination. The camera is used for 3D image generation, 3D measurement and 3D objects location.

The 3D camera is provided in two basic versions:

- A standard version with optional integrated White or IR LEDs
- A RPP Camera version a red or IR version up to 250 mW

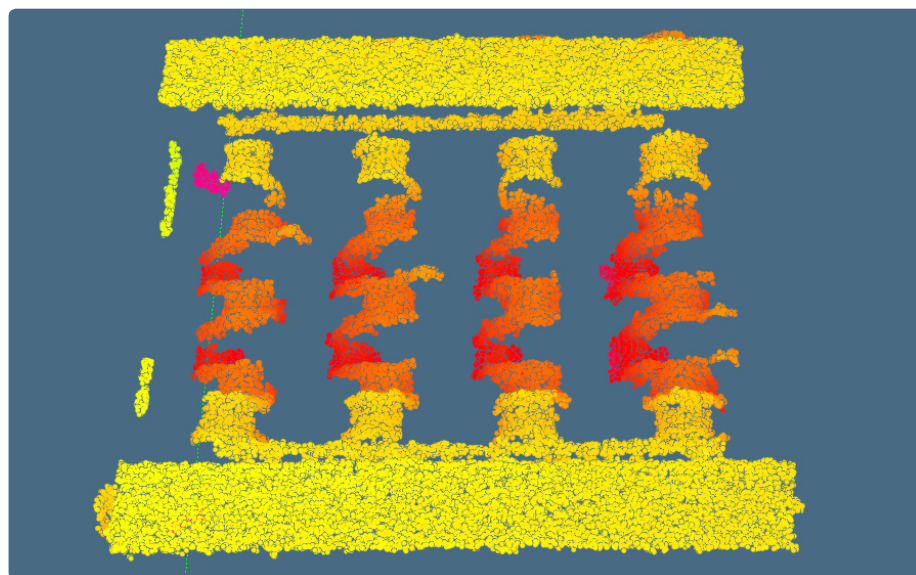
WORKING DISTANCES FROM 1.0 M TO 20.0 METER
WORKING AREA FROM 1.0 x 1.0 M TO 4.0 x 4.0 MM.
BASELINES FROM 0.1 M TO 1.0 M
DEPTH RESOLUTION FROM 1.0 MM WITH 6.0 MEGAPIXEL CAMERA.
UP TO 10 MP COLOR OR MONOCHROME



Scorpion 3D Box Camera with flexible baselines starting at 150 mm

Multiple Scorpion 3D Box Camera can be registered to do make a 360 degree 3D Image. Scorpion Vision Software has all the capabilities to register and align the 3D cameras.

Using Scorpion 3D Stinger for Robot Vision and Scorpion 3D Box Camera will provide the optimal balance between cost and performance for OEMs and System Builders.



Scorpion 3D Stinger used in pallet picking