Day Night Scorpion 3D Stinger™ 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 ™ products have focus on:

- industrial strength
- flexibility
- functionality

Day Night Scorpion 3D Stinger™ Camera

Specification

The Scorpion 3D Stinger™ Camera consists of:

- Stainless steel IP66 enclosure
- 3D calibrated from factory
- IR illumination
- Drain valve for breathing
- Software controlled or camera controlled auto exposure
- Bulkhead IP68 connectors
  - 2 x GigE cables
  - 12 VDC supply
  - 24 VDC supply
- Ambient temperatures: -10 to +40 deg C
- Outer dimensions: 374 x 326 x 160 mm
- Weight: 12 kg

For more information:

TORDIVEL

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The Day Night Scorpion 3D Stinger Camera is designed for marine use on ships, offshore and on oil rigs. It is designed for 24-7-365 operation and for exposure to rain, snow and sea spray. It works day and night in any weather condition.

The Day Night Scorpion 3D Stinger Camera is based on Tordivel proven 3D camera technology used in manufacturing and automation. Combined with the Scorpion 3D Stinger technology it is used where 3D information is required to perform an operation.

The Scorpion 3D Stinger software is designed to locate moving objects in 3D in real-time and to never fail.
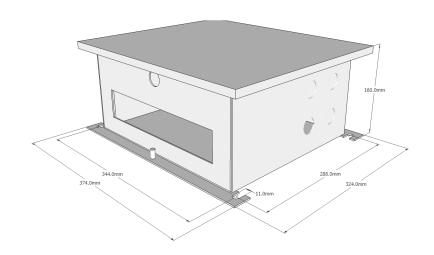
APPLICATION AREAS

The Day Night Scorpion 3D Stinger Camera can be used for tracking, measurement and monitoring where 3D information is needed offshore, on ships and oil rigs.

The unit is designed to be used in 3D Robot Vision, 3D scanning and other advanced 3D Vision Solutions in a harsh environment. The unit is designed with the highest quality.

Software support

The unit is the perfect companion for Scorpion 3D Stinger software. The software can control multiple units from a single PC. The state-of-the-art multi core support in Scorpion Vision Software ensures the fastest and most robust 3D Stereo Vision solutions. The unique one-push 3D calibration technology provided by Scorpion secures optimal performance and easy maintenance.

With Scorpion Vision Software, the application may control camera exposure for optimal contrast in the varying lighting conditions experienced outdoors.

Housing dimensions