

SYPERION ARMOURCASE



RUGGED HOUSING FOR LASER SCANNERS FROM MANUFACTURER RIEGL

The *SYPERION ArmourCase* is a protective housing for 3D laser scanners and includes electronics for control and air conditioning. It can be mounted in various positions, e.g. upside down, and protects the scanner in harsh environmental conditions. The laser scanner is installed inside the *ArmourCase* and is therefore no longer accessible directly.

Communication with the scanner takes place by standard *RIEGL* protocols. The 3D function of the laser scanner is also fully supported for 360° scans. The *ArmourCase* supports the following types of scanners from manufacturer *RIEGL*: *VZ-200*, *VZ-400*, *VZ-1000*, *VZ-2000*, *VZ-4000*, *VZ-400i*, *VZ-2000i*, *VZ-4000i* and *VZ-6000i*.

PROPERTIES FOR RIEGL LASER SCANNER VZ-200

- The *ArmourCase* increases the protection class of the laser scanner to IP66 according to EN 60529 (originally IP64).
- The operating temperature range is increased to -25°C...+45°C (originally -10°C...+40°C), even in direct sunlight.
- The laserscanner can be switched off completely and switched on remotely.
- The *ArmourCase* protects the laserscanner against harsh environmental conditions such as dust, hail, sunlight etc.
- The housing can be mounted in various positions.

TECHNICAL SPECIFICATIONS

Operating voltage	24V DC ± 15%
Power consumption	maximum 240W @ 24V DC without scanner
Protection class	IP66 according to ISO 20653
Operating temperature	-25...+45°C
Maximum frame speed	80°/sec
Weight	approx. 59 kg including scanner
Dimensions	535 mm x 535 mm x 834 mm

www.syperion.de

 **SYPERION**

TECHNICAL DRAWING OF THE ARMOURCASE

