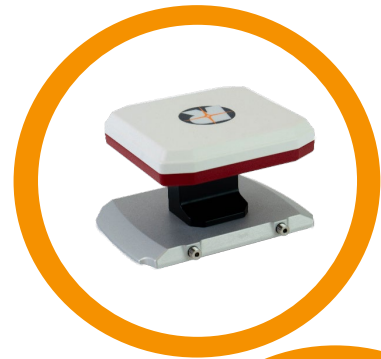


Accessory List

RIEGL VZ-4000i²⁵ / RIEGL VZ-6000i²⁶



Monitoring Apps





Overview

- ... indicated items are part of the scanner basic configuration
- ... optional items

*Click on the accessory and go directly to the specifications!

	VZ-4000i ²⁵	VZ-6000i ²⁶
Tripods		
Carbon Surveyor's Tripod	<input type="checkbox"/>	<input type="checkbox"/>
Stable, Professional Tripod	<input type="checkbox"/>	<input type="checkbox"/>
Tripod Star	<input type="checkbox"/>	<input type="checkbox"/>
GNSS Options		
VZ-4000i-25 VZ-6000i-26 <i>RIEGL</i> GNSS RTK Receiver, Ri-RTKM-46	<input type="checkbox"/>	<input type="checkbox"/>
VZ-4000i-25 VZ-6000i-26 Mounting Adapter for external GNSS Receiver, Ri-GNSSM-46	<input type="checkbox"/>	<input type="checkbox"/>
Cable for external GNSS, Lemo (6 pole) to SUB-D and BNC, length 270 mm, BNC cable length, 270 mm	<input type="checkbox"/>	<input type="checkbox"/>
Camera and Camera Accessories		
VZ-4000i-25 VZ-6000i-26 Mounting Adapter for external GNSS Receiver with mount for Sony ILX-LR1, Ri-GNSSCM-46	<input type="checkbox"/>	<input type="checkbox"/>
Sony ILX-LR1 Camera for use with <i>RIEGL</i> VZ-i series	<input type="checkbox"/>	<input type="checkbox"/>
Sony Lens FE 24 mm F2.8 G	<input type="checkbox"/>	<input type="checkbox"/>
Power Supply Options		
AC Power Supply Unit for VZ-xx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rechargeable NiMH Battery for External Power Supply	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Charger for External NiMH Battery	<input type="checkbox"/>	<input type="checkbox"/>
Power Supply Cable, 7 pole to 2 pole for V-Line, 3m	<input type="checkbox"/>	<input type="checkbox"/>
Adapter Cable, from banana plugs to power supply cable, 1m	<input type="checkbox"/>	<input type="checkbox"/>
Adapter cable, 1 m, from cigarette lighter plug to power supply cable, 1m	<input type="checkbox"/>	<input type="checkbox"/>
Adapter Cable, 1m, from 7 pole supply cable to 12 V PbGel battery ("quick action")	<input type="checkbox"/>	<input type="checkbox"/>
Adapter Cable, 1m, from 7 pole supply cable to 12 V PbGel battery ("crocodile")	<input type="checkbox"/>	<input type="checkbox"/>
Battery Mount / Charging Station RBLI 2900	<input type="checkbox"/>	<input type="checkbox"/>
Battery-Pack Li-Ion AP-RBLI 2903 for RBLI 2900	<input type="checkbox"/>	<input type="checkbox"/>
Accessories for Transport and Protection		
Scanner Carrying Case for VZ-4000i ²⁵ VZ-6000i ²⁶	<input type="checkbox"/>	<input type="checkbox"/>
Scanner Carrying Case „LARGE“ for VZ-4000i ²⁵ VZ-6000i ²⁶	<input type="checkbox"/>	<input type="checkbox"/>
Set of Protection Caps for VZ-4000i ²⁵	<input checked="" type="checkbox"/>	
Set of Protection Caps for VZ-6000i ²⁶		<input checked="" type="checkbox"/>
Scanner „backpack“ for carrying a 3D laser scanner VZ-4000(i ²⁵) 6000(i ²⁶)	<input type="checkbox"/>	<input type="checkbox"/>
Retroreflectors		
Flat Circular Retroreflectors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cylindrical Retroreflectors	<input type="checkbox"/>	<input type="checkbox"/>
Biaxial Bireflex Flat Circular Retroreflectors	<input type="checkbox"/>	<input type="checkbox"/>
Other Accessories		
TCP/IP Cable M12-RJ45, 3m	<input type="checkbox"/>	<input type="checkbox"/>
Serial data and PPS cable to GNSS receiver, 3 m	<input type="checkbox"/>	<input type="checkbox"/>
USB Debug Cable for VUX and VZ-i Series, 1.5 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CF-Express Typ B Card Reader PKT VZ-600i VZ-1200i VZ-4000i ²⁵ VZ-6000i ²⁶	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CF-Express Card for VZ-600i VZ-1200i VZ-4000i-25 VZ-6000i-26	<input checked="" type="checkbox"/> / <input type="checkbox"/>	<input checked="" type="checkbox"/> / <input type="checkbox"/>
Service Options		
Basic Service Package for VZ-4000i-25	<input type="checkbox"/>	<input type="checkbox"/>
Basic Service Package for VZ-4000i-26		<input type="checkbox"/>
Digital Camera Calibration Service for V-Line Scanner	<input type="checkbox"/>	<input type="checkbox"/>



Post-Processing Software		
RiSCAN PRO Static LiDAR Data Processing	<input checked="" type="checkbox"/> / <input type="checkbox"/>	<input checked="" type="checkbox"/> / <input type="checkbox"/>
Extended Maintenance for RiSCAN PRO Static LiDAR Data Processing	<input type="checkbox"/>	<input type="checkbox"/>
<i>RIEGL</i> Deep Learning Suite	<input type="checkbox"/>	<input type="checkbox"/>
Extended Maintenance for <i>RIEGL</i> Deep Learning Suite	<input type="checkbox"/>	<input type="checkbox"/>
RiMINING Static LiDAR Data Processing for Mining	<input type="checkbox"/>	<input type="checkbox"/>
Extended Maintenance for RiMINING Static LiDAR Data Processing for Mining	<input type="checkbox"/>	<input type="checkbox"/>
Post-Processing Software Plug-Ins		
RiPANO Publishing	<input type="checkbox"/>	<input type="checkbox"/>
Static Multi Station Adjustment License	<input type="checkbox"/>	<input type="checkbox"/>
LIS GeoTec Plug-In	<input type="checkbox"/>	<input type="checkbox"/>
<i>RIEGL</i> Post Processing Apps		
Monitoring Apps for VZ-i Series	<input type="checkbox"/>	<input type="checkbox"/>

- ... indicated items are part of the scanner basic configuration
- ... optional items

Tripods

Carbon Surveyor's Tripod

 Part-No. HW-GP-06-474-00

weight: 4.9 kg



Stable, Professional Tripod

 Part-No. HW-GP-06-370-00

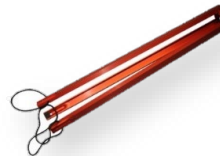
weight: 7.60 kg



Tripod Star for Operation on Smooth Surfaces

 Part-No. HW-GP-06-001-00

weight: 0.35 kg

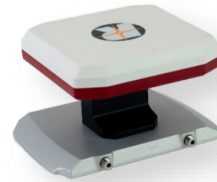


GNSS Options

VZ-4000i-25 | VZ-6000i-26 *RIEGL* GNSS RTK Receiver, Ri-RTKM-46

 Part-No. HW-VZI-06-020-00

weight: 0.63 kg




VZ-4000i-25 | VZ-6000i-26 Mounting Adapter for external GNSS Receiver, Ri-GNSSM-46

 Part-No. HW-VZI-06-025-00



Cable for external GNSS, Lemo (6 pole) to SUB-D and BNC, length 270 mm, BNC cable length 270 mm

 Part-No. HW-VZXX-03-006-00

weight: 0.08 kg



intended for combined use!

Camera and Camera Accessories


VZ-4000i-25 | VZ-6000i-26 Mounting Adapter for external GNSS Receiver with mount for Sony ILX-LR1, Ri-GNSSCM-46

 Part-No. HW-VZI-06-026-00

weight: 0.79 kg




Cable for external GNSS, Lemo (6 pole) to SUB-D and BNC, length 270 mm, BNC cable length 270 mm

 Part-No. HW-VZXX-03-006-00

weight: 0.08 kg




Sony ILX-LR1 Camera for use with *RIEGL* VZ-i series

 Part-No.: HW-CAM-09-022-00

weight: 0.24 kg



Sony Lens FE 24 mm F2.8 G

 Part-No.: HW-CAM-10-074-00

weight: 0.17 kg



intended for combined use!

Power Supply Options

AC Power Supply Unit for VZ-xx

▶ Part-No. HW-VZXX-04-000-00

For *RIEGL* VZ-xx, 100 - 240 V AC,
50 - 60 Hz

- for direct operation of the scanner from main power supply

weight: 0.43 kg



Rechargeable NiMH Battery for External Power Supply

▶ Part-No. HW-GP-04-000-00

13.2 V, 18 Ah, 238Wh, with fuse,
weight 3.55 kg

weight: 3.50 kg



Automatic Charger for External NiMH Battery

▶ Part-No. HW-GP-04-001-00

100 - 240 V AC, short circuit proof,
weight 0.4kg

weight: 0.75 kg



Power Supply Cable, 7 pole to 2 pole for V-Line, 3m

▶ Part-No. HW-VXX-03-011-00

weight: 0.25 kg



Adapter Cable, from banana plugs to power supply cable, 1m

▶ Part-No. HW-GP-03-004-00

- Compatible with Power Supply Cable (Part-No. HW-VXX-03-011-01)

weight: 0.12 kg



intended for combined use!

Adapter cable, 1 m, from cigarette lighter plug to power supply cable, 1m

➤ Part-No. HW-GP-03-005-00

weight: 0.15 kg

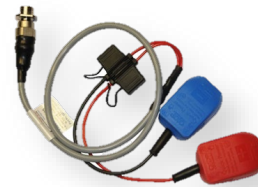


Adapter Cable, 1 m, from 7 pole supply cable to 12 V PbGel battery (“quick action”)

➤ Part-No. HW-GP-03-006-00

- Compatible with Power Supply Cable (Part-No. HW-VXX-03-011-01)
- with “quick action” battery pole connectors

weight: 0.35 kg



Adapter Cable, 1m, from 7 pole supply cable to 12 V PbGel battery (“crocodile”)

➤ Part-No. HW-GP-03-007-00

- Compatible with Power Supply Cable (Part-No. HW-VXX-03-011-01)
- with “crocodile” battery pole connector

weight: 0.32 kg



Battery Mount / Charging Station RBLI 2900

➤ Part-No. HW-VZXX-04-005-00

weight: 0.85 kg



Battery-Pack Li-Ion AP-RBLI 2903 for RBLI 2900


➤ Part-No. HW-VZXX-04-006-00

weight: 0.45 kg



Accessories for Transport and Protection

Scanner Carrying Case for VZ-4000i²⁵ | VZ-6000i²⁶

 Part-No. HW-VZI-05-001-00

Dimensions: 630 x 497 x 355 mm

weight: 10.70 kg



Scanner Carrying Case „LARGE“ for VZ-4000i²⁵ | VZ-6000i²⁶

 Part-No. HW-VZI-05-002-00

Dimensions: 801 x 521 x 317 mm

weight: 13.40 kg



Set of Protection Caps for VZ-4000i²⁵

 Part-No. HW-VZI-06-024-00

weight: 0.04 kg



Set of Protection Caps for VZ-6000i²⁶

 Part-No. HW-VZI-06-031-00

weight: 0.05 kg



Scanner „backpack“ for carrying a 3D laser scanner VZ-4000(i²⁵) | 6000(i²⁶)

 Part-No. HW-GP-06-458-01

- standard backpack for transporting a *RIEGL* VZ-4000, VZ-4000i²⁵, VZ-6000, VZ-6000i²⁶

weight: 2.70 kg



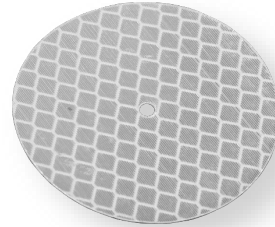
Retroreflectors

Flat Circular Retroreflectors

➤ Part-No. HW-GP-06-002-00
(50 mm)

➤ Part-No. HW-GP-06-003-00
(100 mm)

- 100 pieces each
- self-adhesive



Cylindrical Retroreflectors

➤ Part-No. HW-GP-06-006-00
(50 x 50 mm)

➤ Part-No. HW-GP-06-008-00
(100 x 100 mm)

- 5 pieces each



Biaxial Bireflex Flat Circular Retroreflectors

➤ Part-No. HW-GP-06-454-00

- 50 mm each
- mounted on universal joints

weight: 0.07 kg



Other Accessories


TCP/IP Cable M12-RJ45, 3m

 Part-No. HW-GP-03-056-00

weight: 0.25 kg




Serial data and PPS cable to GNSS receiver, 3 m

 Part-No. HW-VZXX-03-000-00

weight: 0.16 kg



USB Debug Cable for VUX and VZ-i Series, 1.5 m

 Part-No. HW-VUX-03-000-00

weight: 0.10 kg



CF-Express Typ B Card Reader PKT
VZ-600i | VZ-1200i |
VZ-4000i²⁵ | VZ-6000i²⁶


 Part-No. HW-VZI-06-010-00

weight: 0.22 kg




CF-Express Typ B Card Reader PKT for
VZ-600i | VZ-1200i,
VZ-4000i-25 | VZ-6000i-26

Included in the scanner basic configuration:

 Part-No. HW-VZI-06-011-00
(512 GB)

Not included in the scanner basic configuration:

 Part-No. HW-VZI-06-011-01
(1 TB)

CFexpress™ Typ B

weight: 0.02 kg



Service Options

Basic Service Package for VZ-4000i-25

 Part-No. ST-GP-12-095-00

It is recommended at basic service intervals of

- 3000 hours of total scan operating time OPTIME[2] or OPTIME[3] (= scanning mechanism in operation)
- or 2 years

whichever occurs earlier.

It comprises:

1. unpacking and cleaning of the instrument
2. laying out of service paper work
3. first functional check
4. cleaning of the beam exit window
5. Installation of firmware upgrades (if applicable)
6. check or re-calibration of the range-finder unit
7. check or re-calibration of the scanner at the *RIEGL* test field
8. check or re-calibration of the orientation sensors at the *RIEGL* test field
9. check or re-calibration of the internal camera calibration
10. measurement of laser output power
11. test of measurement range
12. preparation of calibration and test certificates
13. repacking the instrument for shipment

Digital Camera Calibration Service for V-Line Scanner

 Part-No. ST-GP-11-002-00

Provides complete set of camera calibration parameters for use in RiSCAN PRO including internal calibration, lens distortion parameters and mounting calibration parameters. Parameters are delivered within a RiSCAN PRO project. Calibration statistics included (available for camera-lens combinations as recommended by *RIEGL* LMS).

Basic Service Package for VZ-4000i-26

 Part-No. ST-GP-12-095-00

It is recommended at basic service intervals of

- 3000 hours of total scan operating time OPTIME[2] or OPTIME[3]
(= scanning mechanism in operation)
- or 2 years

whichever occurs earlier.


It comprises:


14. unpacking and cleaning of the instrument
15. laying out of service paper work
16. first functional check
17. cleaning of the beam exit window
18. Installation of firmware upgrades (if applicable)
19. check or re-calibration of the range-finder unit
20. check or re-calibration of the scanner at the *RIEGL* test field
21. check or re-calibration of the orientation sensors at the *RIEGL* test field
22. check or re-calibration of the internal camera calibration
23. measurement of laser output power
24. test of measurement range
25. preparation of calibration and test certificates
26. repacking the instrument for shipment

Post-Processing Software

RiSCAN PRO Static LiDAR Data Processing


A SNL RiSCAN PRO license is within the scanner basic configuration.


 **Instrument Serial Number License (SNL)**
Part-No. SW-TLS-07-000-00

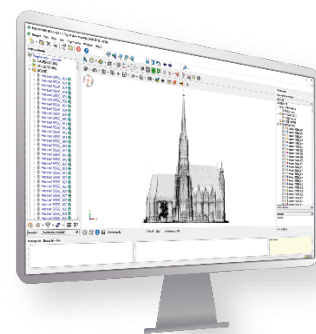
 **Floating License Package (SIL)**
Part-No. SW-TLS-07-001-00

RiSCAN PRO Instrument Serial Number License Mandatory



Extended Maintenance for RiSCAN PRO Static LiDAR Data Processing

 **Instrument Serial Number License (SNL)**
Part-No. SW-TLS-12-000-00



 **Floating License Package (SIL)**
Part-No. SW-TLS-12-001-00

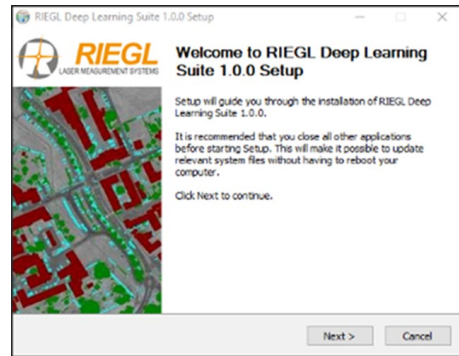


RIEGL Deep Learning Suite Image Content Anonymization



-  **Instrument Serial Number License (SNL)**
Part-No. SW-GP-07-009-00
-  **Floating License Package (SIL)**
Part-No. SW-GP-07-010-00

Extended Maintenance for RIEGL Deep Learning Suite



-  **Instrument Serial Number License (SNL)**
Part-No. SW-GP-12-209-00
-  **Floating License Package (SIL)**
Part-No. SW-GP-12-209-04



RiMINING Static LiDAR Data Processing for Mining

-  **Instrument Serial Number License (SNL)**
Part-No. SW-TLS-07-002-00
-  **Floating License Package (SIL)**
Part-No. SW-TLS-07-003-00



Extended Maintenance for RiMINING Static LiDAR Data Processing for Mining

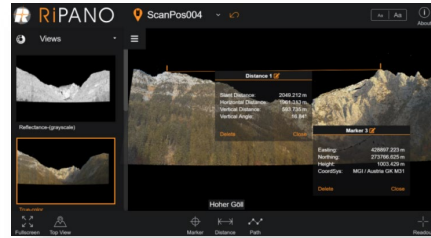
-  **Instrument Serial Number License (SNL)**
Part-No. SW-TLS-12-002-00
-  **Floating License Package (SIL)**
Part-No. SW-TLS-12-003-00





Post-Processing Software | Plug-Ins

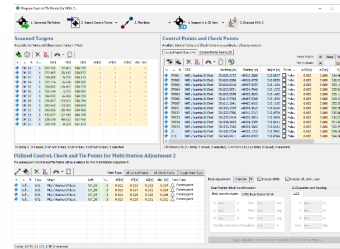
RiPANO Publishing

- 
Instrument Serial Number License (SNL)
 Part-No. SW-TLS-07-006-00
- 
Floating License Package (SIL)
 Part-No. SW-TLS-07-007-00





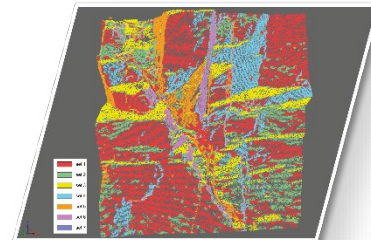
Static Multi Station Adjustment License

- 
Instrument Serial Number License (SNL)
 Part-No. SW-TLS-07-010-00
- 
Floating License Package (SIL)
 Part-No. SW-TLS-07-011-00



LIS GeoTec Plug-In

- 
Instrument Serial Number License (SNL)
 Part-No. SW-TLS-07-008-00
- 
Floating License Package (SIL)
 Part-No. SW-TLS-07-009-00



[Click or scan for the specifications!](#)



RIEGL Post Processing | Apps

Monitoring Apps for VZ-i Series (Monitor +, Monitoring, DesignCompare, SlopeAngle)

 Part-No. SW-GP-02-102-00

Three easy-to-use and innovative apps, which support users in their daily work, especially in critical situations. Visualization of the results via GUI or web viewer for detailed analysis.

- Monitor + App: Monitoring of surface and targets/prisms in one. A flexible solution for permanent, periodic, and sporadic data acquisition.
- Monitoring App: Data comparison and visualization of differences to a reference data set.
- DesignCompare App: Data comparison to a given 3D design model. Visualization of undercut and overcut.
- Slope Angle App: Calculation and visualization of local slope angles.

[Click or scan for the specifications!](#)

