

Accessory List

RIEGL VZ-i Series



Overview

	Accessory suitable for		
	VZ-400i	VZ-600i	VZ-2000i
<i>*Click on the accessory and go directly to the specifications!</i>			
Tripods			
Lightweight Carbon Tripod for VZ-iSeries	●	●	●
VZ-600i 3-Point Setup Stand with Adapter for lightweight Carbon Tripod		●	
Scanner fixing parts for Lightweight Carbon Tripod for VZ-i Series	●	●	●
Carbon Surveyor's Tripod	●	●	●
Stable, Professional Tripod	●	●	●
Tripod Star for operation on smooth surfaces	●	●	●
Power Supply Management			
Battery Mount/Charging Station RBLI 2900	●		●
Battery-Pack Li-Ion AP-RBLI 2903 for RBLI 2900	●		●
Charging Station for RIEGL RBLI 8 S1P		●	
Dual Charger for RIEGL RBLI 8S1P		●	
Battery-Pack Li-Ion RBLI 8S1P		●	
Add-On Rechargeable Battery RBNE 2210	●		●
Rechargeable NiMH Battery for External Power Supply	●	●	●
Automatic Charger for External NiMH Battery	●	●	●
Power Supply Cable, 7 pole to 2 pole for V-Line, 2m	●	●	●
Adapter cable, from banana plugs to power supply cable, 1m	●	●	●
Adapter cable, from cigarette lighter plug to power supply cable, 1m	●	●	●
Adapter Cable, 1m, from 7 pole supply cable to 12 V PbGel battery "quick action"	●	●	●
Adapter Cable, 1m, from 7 pole supply cable to 12 V PbGel battery "crocodile"	●	●	●
Power supply cable VZ-i Series to LiPo Battery, 0.32m	●	●	●
Power Supply Cable 2pole to cigarette lighter plug for V-Line, 2m	●	●	●
Power Supply Cable 2pole to cigarette lighter plug for V-Line, 2m – angled connector	●	●	●
Retroreflectors			
Flat Circular Retroreflectors	●	●	●
Biaxial Bireflex Flat Circular Retroreflectors	●	●	●
Cylindrical Retroreflectors	●	●	●
GNSS Options			
RIEGL VZ-i GNSS RTK Receiver	●		●
VZ-600i RIEGL GNSS RTK Receiver		●	
Serial Data and PPS (BNC) Cable to GNSS receiver, 3m	●		●
Cable for external GNSS, Lemo (6 pole) to SUB-D and BNC, length 270mm, BNC cable length 270mm	●		●
Cable for external Leica GNSS, Lemo (6 pole/8 pole), length 390mm	●		●
Cable for external Trimble GNSS, Lemo (6 pole/7 pole), length 390mm	●		●
GNSS Mounting Adapters	●		●
Heavy Duty Mounting Adapter for external GNSS, VZ-i-Series	●		●




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

	<i>Accessory suitable for</i>		
	<i>VZ-400i</i>	<i>VZ-600i</i>	<i>VZ-2000i</i>
Mounting and Transport Options			
<i>Scanner Mount for Manual Tilt for VZ-xx</i>	●		●
<i>Scanner „backpack“ for carrying a 3D laser scanner</i>	●		●
<i>Shock-Absorbing Mount, SPM-Vxx</i>	●		●
<i>Adapterplate for SPM-Vxx</i>	●		●
Tribrachs			
<i>Adjustable Tribrach, ready for laser plummet</i>	●	●	●
<i>Adapter for Tribrach, ready for laser plummet</i>	●	●	●

Tripods

Lightweight Carbon Tripod for VZ-iSeries


 Part-No. HW-GP-06-535-00

- Benro C3780TN (max. height: 150 cm)
- Adapter for scanner mount included (also offered separately)

Suitable for:



VZ-600i 3-Point Setup Stand with Adapter for lightweight Carbon Tripod

 Part-No. HW-VZI-06-009-00

Suitable for:




Scanner fixing parts for Lightweight Carbon Tripod for VZ-i Series

 Part-No. HW-GP-06-536-00

Suitable for:



Carbon Surveyor's Tripod

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

Suitable for:



RIEGL VZ-600i - Intended for combined use!

Stable, Professional Tripod

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

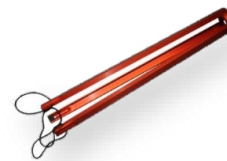
Suitable for:



Tripod Star for operation on smooth surfaces

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

Suitable for:



Power Supply Management

Battery Mount/Charging Station RBLI 2900


 Part-No. HW-VZXX-04-005-00

- Prepared to have three single battery packs AP-RBLI 2903 inserted, providing 99Wh each.
- Weight: with 1 battery pack 1.5 kg / with 3 battery packs 2.2 kg
- Hot-Swap capability: for uninterrupted scanning
- Long operation time (with battery pack typ. 1h 40 min / with 3 battery packs typ. 5h)

Suitable for:



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

 Part-No. HW-VZXX-04-006-00

- Capacity of 99Wh, 3.45 Ah
- Li-Ion 28.8 V
- Typ. 500-600 Charging Cycles
- Charging time: 3h

Suitable for:



Intended for combined use!

Charging Station for *RIEGL* RBLI 8S1P

 *Part-No. HW-VZXX-04-011-00*

Provides the possibility to charge up to 6 *RIEGL* RBLI 8S1P at once

- Input Supply Voltage 11-34V
- Charging time
 - up to 3 batteries 2,75h
 - 4 batteries 4,5h
 - 6 batteries 5,5h
- Size 350x295x150 (mm)

Suitable for:



Dual Charger for *RIEGL* RBLI 8S1P

 *Part-No. HW-VZXX-04-010-00*


Provides the possibility charge up to 2 (two) *RIEGL* RBLI 8S1P at once

- Input Supply Voltage 11-34V
- Charging time 2,75h
- Size 94x42x170 (mm)

Suitable for:




Battery-Pack Li-Ion RBLI 8S1P

 *Part-No. HW-VZXX-04-009-00*

Suitable for:



Add-On Rechargeable Battery RBNE 2210

 *Part-No. HW-VZXX-04-004-00*

Suitable for:



Intended for combined use!

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
- Intended for combined use only with Automatic Charger for External NiMH Battery | *Part-No. HW-GP-04-001-00* and Power Supply Cable, 7 pole to 2 pole for V-Line, 2 m | *Part-No. HW-VXX-03-011-01*

Suitable for:



Automatic Charger for External NiMH Battery

 *Part-No. HW-GP-04-001-00*

- 100 -240 V AC, short circuit proof, weight 0.4kg
- Intended for combined use only with Rechargeable NiMH Battery for External Power Supply | *Part-No. HW-GP-04-000-00* and Power Supply Cable, 7 pole to 2 pole for V-Line, 2 m | *Part-No. HW-VXX-03-011-01*

Suitable for:



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

 *Part-No. HW-VXX-03-011-01*

- Intended for combined use only with Rechargeable NiMH Battery for External Power Supply | *Part-No. HW-GP-04-000-00* and Automatic Charger for External NiMH Battery | *Part-No. HW-GP-04-001-00*

Suitable for:



Intended for combined use!

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

 Part-No. HW-GP-03-004-00

Suitable for:



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

 Part-No. HW-GP-03-005-00

Suitable for:

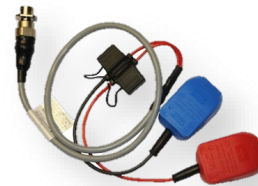


Adapter Cable, 1m, from 7 pole supply cable to 12 V PbGel battery

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

- with "quick action" battery pole connectors

Suitable for:



Adapter Cable, 1m, from 7 pole supply cable to 12 V PbGel battery

 Part-No. HW-GP-03-007-00

- with "crocodile" battery pole connectors

Suitable for:



Intended for combined use!

Power supply cable VZ-i Series to LiPoBattery, 0.32m

 *Part-No. HW-VXX-03-044-00*

Suitable for:



Power Supply Cable 2 pole to cigarette lighter plug for V-Line, 2m

 *Part-No. HW-VXX-03-052-00*

Suitable for:



Power Supply Cable 2 pole to cigarette lighter plug for V-Line, 2m – angled connector


 *Part-No. HW-VXX-03-054-00*

Suitable for:



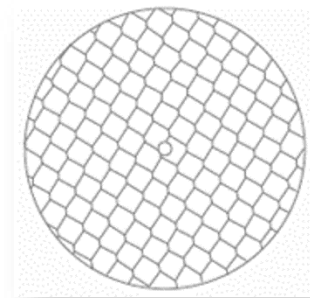
Retroreflectors

Flat Circular Retroreflectors


 Part-No. HW-GP-06-002-00 /
 Part-No. HW-GP-06-003-00 – 100 pcs

- 50 / 100 mm each
- self-adhesive

Suitable for:

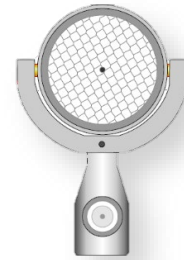


Biaxial Bireflex Flat Circular Retroreflectors



 Part-No. HW-GP-06-011-00 – 15 pcs.

- 50 mm each
- mounted on universal joints

Suitable for:

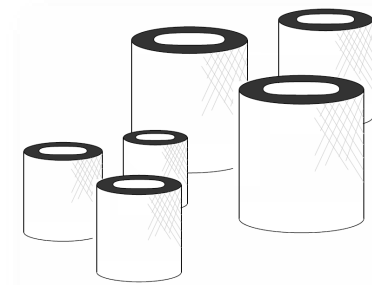


Cylindrical Retroreflectors


 Part-No. HW-GP-06-006-00 /
 Part-No. HW-GP-06-008-00 – 15 pcs.

- 50 mm x 50 mm
100 mm x 100 mm

Suitable for:



GNSS Options

VZ-i GNSS RTK Receiver

 *Part-No. HW-VZI-06-006-00*

- Concurrent reception of GPS, GLONASS, Galileo and BeiDou
- Multi-band RTK with fast convergence times and reliable performance
- Position accuracy: RTK 0.01 m + 1 ppm CEP ¹
- Convergence time: RTK < 10 sec ¹
- Integrated LoRa radio for RTK operation with Emlid Reach RS2 as base station
- RTK with any receiver that supports RTCM 3 via NTRIP or TCP/IP


Suitable for:



¹ depends on atmospheric conditions, baseline length, multipath conditions, satellite visibility and geometry



VZ-600i GNSS RTK Receiver

 *Part-No. HW-VZI-06-008-00*

Suitable for:




Serial Data and PPS (BNC) Cable to GNSS receiver, 3 m

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

Suitable for:




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

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

Suitable for:




Cable for external Leica GNSS, Lemo (6 pole/8 pole), length 390mm

 Part-No. HW-VZXX-03-015-00

Suitable for:




Cable for external Trimble GNSS, Lemo (6 pole/7 pole), length 390mm

 Part-No. HW-VZXX-03-008-00

Suitable for:



GNSS Mounting Adapters

 Part-No. HW-VZXX-06-069-00

Set of 3 adapters for mounting a customer-specific, differential GNSS antenna, with 5/8" screw connector.

- Adapter 1 is for use without camera mounted
- Adapter 2 is for use with camera mounted
- Adapter 3 is for use with camera mounted, but without a direct cable connection between the external GNSS antenna and the scanner

Suitable for:



Heavy Duty Mounting Adapter for external GNSS, VZ-i-Series


 Part-No. HW-VZI-06-004-00

Suitable for:



Mounting and Transport Options

Scanner Mount for Manual Tilt for VZ-xx

 Part-No. HW-VZXX-06-006-00

Suitable for:




Scanner „backpack“ for carrying a 3D laser scanner

 Part-No. HW-GP-06-459-00

Suitable for:

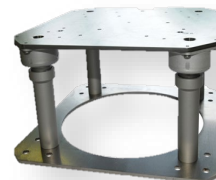


Shock-Absorbing Mount, SPM-Vxx


 Part-No. HW-VZXX-06-077-00 (Small) /
Part-No. HW-VZXX-06-076-00 (Large)

Made of stainless steel mounting plates and optimized shock-absorbing elements.

Suitable for:



Adapterplate for SPM-Vxx

 Part-No. HW-VZXX-06-075-00

- Adapterplate mounted on the scanner for quick and stable connection with the Shock-Absorbing Mount.

Suitable for:



Tribrachs

Adjustable Tribrach, ready for laser plummet

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


Adjustable tribrach, ready for laser plummet, extra stable quality, with bubble level, for mounting the *RIEGL* VZ-xx on a tripod.

Note: *RIEGL* VZ-xx mounted on a tribrach to be used only in vertical position!
Due to reduced stability, usage of a tribrach may reduce measurement result quality.

Suitable for:



Adapter for Tribrach, ready for laser plummet

 Part-No. HW-GP-06-013-00

Suitable for:



Intended for combined use!

