

Leica RTC360 Equipment List



- when it has to be **right**

Leica
Geosystems

Table of Contents

Leica RTC360	3
1 Scanner Set RTC360	3
2 Scanner Set RTC360 LT	4
Accessories for RTC360	5
3 Power Supply	5
3.1 Internal Battery	5
3.2 Battery Charger	5
3.3 External power	5
4 Data Storage and Data Transfer	5
5 Tripods	5
6 Tribachs	5
7 Adapter	5
8 Targets	6
8.1 Targets	6
8.2 Target Accessories	6
8.3 Target Pole	6
8.4 Magnetic Mount for Targets	6
8.5 Reflector Carriers	6
9 Transport Options	6
10 Software	7
11 API	7
Suggested Equipment Setups	8
12 Configuration for remote control using a tablet (on lightweight tripod)	8
13 Configuration for remote control using a tablet (on heavy duty tripod and tribrach)	9
Customer Care Packages	10
14 Customer Care Packages (CCP)	10
Trademarks & Technical Data	11
15 Trademarks	11
16 Technical Data	11

Leica RTC360

1 Scanner Set RTC360



6012673

LRTC360 Scanner Package, consisting of:

- 1x RTC360 Laser Scanner (838 300)
 - 1x RTC360 Transport Container (817 063)
 - 4x GEB364 Lithium Ion Battery (954 519)
 - 1x GKL341 Multicharger Prof 5000 (799 187)
 - 2x RTC360 USB Flash Drive - 256 GB (842 065)
 - 1x RTC360 Rain Cover (636 767)
 - 1x RTC360 Quick Guide
 - 1x RTC360 System USB Card
 - 1 year RTC360 CCP Basic contract (6013561)
-

2 Scanner Set RTC360 LT



6015307

RTC360 LT Scanner Package, consisting of:

- 1x RTC360 LT Laser Scanner (877 118)
 - 1x RTC360 Transport Container (817 063)
 - 4x GEB364 Lithium Ion Battery (954 519)
 - 1x GKL341 Multicharger Prof 5000 (799 187)
 - 2x RTC360 USB Flash Drive - 256 GB (842 065)
 - 1x RTC360 Rain Cover (636 767)
 - 1x RTC360 Quick Guide
 - 1x RTC360 System USB Card
 - 1 year RTC360 CCP Basic contract (6013561)
-

Accessories for RTC360

3 Power Supply

3.1 Internal Battery



954 519	GEB364	Lithium-Ion battery, 10.8V, 6.9Ah, rechargeable.
---------	---------------	--

3.2 Battery Charger



799 185	GKL311	Single-bay charger Prof 3000. Charger for one Li-Ion battery including AC/DC adapter and car adapter cable.
799 187	GKL341	Multi-bay charger Prof 5000. Charges up to 4 batteries, including power cable.
734 389	GDC221	Car adapter for the GKL341 charger. Allows the use of the GKL341 with a cigarette lighter; 12V/24V DC/DC converter.

3.3 External power



864 640	GEV282	AC power supply. For indoor use only.
---------	---------------	---------------------------------------

4 Data Storage and Data Transfer



842 065	MS256	RTC360 USB Flash Drive - 256 GB.
---------	--------------	----------------------------------

5 Tripods



842 066	GST80	Lightweight Tripod for RTC360 Laser Scanner.
667 301	GST120-9	Heavy duty tripod, self-closing, with side clamp screws and carrying strap.
332 200	GST4	Tripod-star, for setting up tripods on hard and slippery surfaces.

6 Tribrachs



777 970	GDF323	Tribrach, without optical plummet, black.
---------	---------------	---

7 Adapter



842 067	GAD120	Tribrach Adapter for RTC360 Laser Scanner.
842 068	GAD121	Adapter plate for flexible mounting of the RTC360.
870 985	GAD122	Adapter to mount a RTC360 on top of a Leica tripod.

8 Targets

8.1 Targets



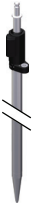
822 694	GZT21	4.5" circular black/white tilt & turn target for ScanStation. Leica standard stub fitting to mount on e.g. GLS12 pole. Centre height at Leica standard reflector height.
6009743		Target package, consisting of: <ul style="list-style-type: none"> • 4x GZT21 Scanning target (822 694) • 4x GAD50 Stub-to-Screw adapter (823 044) • 4x Flat magnet mount (670 229) • 1x GVP703 Soft bag (790 314)

8.2 Target Accessories



670 223		Target tripod.
670 224		Target tripod bag.
790 314	GVP703	Soft bag, for 4.5" circular black/white tilt & turn targets.
667 319		Dual Strut Support. With 2 telescopic legs, for rapid set-up. Suitable for poles of all diameters.

8.3 Target Pole

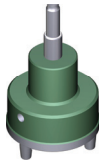


385 500		Reflector pole with stub. Quick release clamp for easy and rapid height adjustment. Graduated in cm and ft, minimum length 1.24 m (4.07 ft), extendible to 2.15 m (7.05 ft), weight 940 g (2.07 lb).
---------	--	--

8.4 Magnetic Mount for Targets

670 228		V-block magnetic mount for targets with 5/8" x 11 threaded post, for mounting on steel pipes.
670 229		Flat magnetic mount for targets with 5/8" x 11 threaded post, for mounting on flat steel surfaces.
823 044	GAD50	Adapter for mounting reflectors and target plates with stub fitting on 5/8" carriers.

8.5 Reflector Carriers



667 313	GRT144	Carrier with stub, pale green.
---------	---------------	--------------------------------

9 Transport Options



865 471	GVP736	Backpack for RTC360 Laser Scanner.
817 063	GVP730	Transport Container for RTC360 Laser Scanner and Accessories.

10 Software



864 515	Cyclone REGISTER 360 Permanent.
864 516	Cyclone REGISTER 360 15 day Evaluation.
864 517	Cyclone REGISTER 360 EnterpriseElite. 1yr license, includes 1yr CCP. Allows 100% overdraft on seat. Requires signed EnterpriseElite contract.
864 518	Cyclone REGISTER 360 TimeLimited. Orderable in variable durations. Must be fully paid in advance.
5308150	Cyclone Subscription base (1yr). Base product for Cyclone module subscriptions. Must be ordered with at least one module Option.
5308159	Cyclone REGISTER 360 Option (1yr Subscription). Optional add-on for base Cyclone 1yr Subscription base (5308150); base must be included.
6012199	Cyclone REGISTER 360 CCP 1yr. Technical support by telephone/email. Software updates.
6012200	Cyclone REGISTER 360 CCP 2yr. Technical support by telephone/email. Software updates.
6012201	Cyclone REGISTER 360 CCP 3yr. Technical support by telephone/email. Software updates.
6013216	Cyclone REGISTER 360 CCP 5yr. Technical support by telephone/email. Software updates.
5004425	Cyclone REGISTER 360 CCP Reactivation. Must be ordered with CCP if customer's previous CCP expired 6 or more months ago. CCP starts on new PO date.



☞ There is no article number for the Cyclone FIELD 360 app. The app is free of charge, but an active Cyclone REGISTER 360 license is needed for activation. The Cyclone FIELD 360 app for iOS is available for download at Apple App Store and for Android on Google Play. Contact your Leica Geosystems sales representative for recommended technical specifications.

11 API

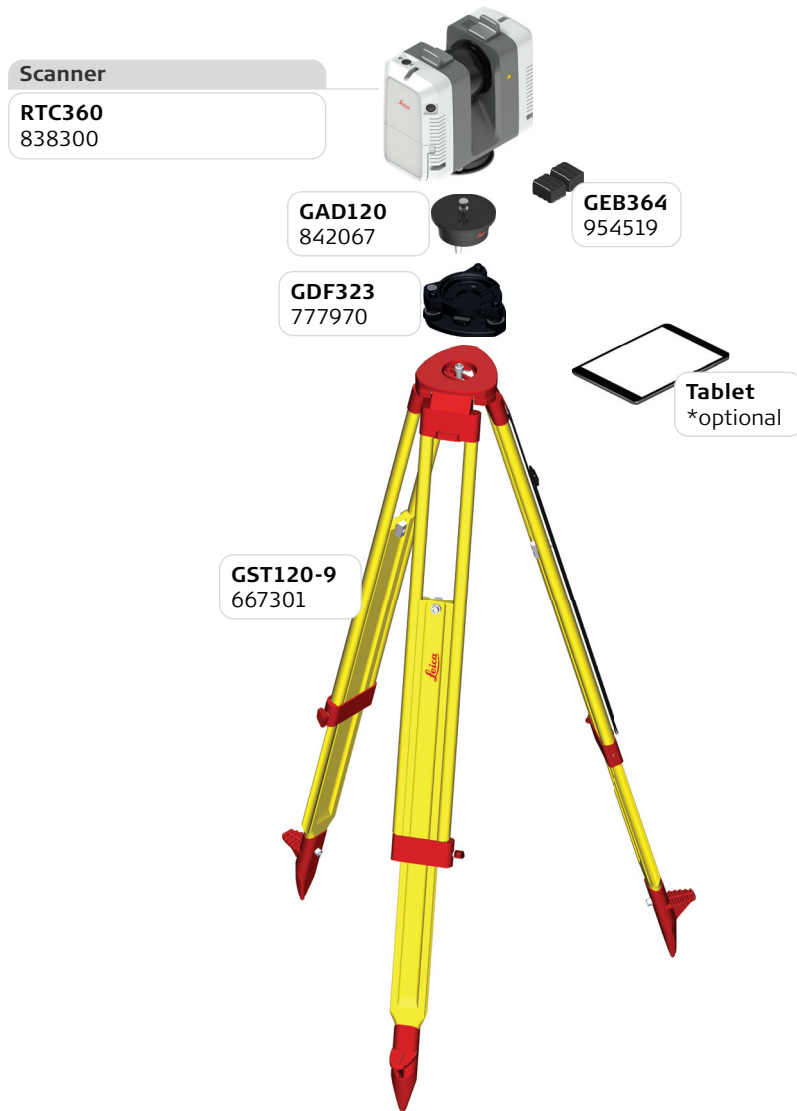
890 762	RTC360 API for 3rd party software on Windows platform. ☞ Approval from business unit required.
890 763	RTC360 API for 3rd party software on iOS platform. ☞ Approval from business unit required.
890 764	RTC360 API for 3rd party software on Android platform. ☞ Approval from business unit required.
916 074	RTC360 API for 3rd party software on Linux platform. ☞ Approval from business unit required.

Suggested Equipment Setups

12 Configuration for remote control using a tablet (on lightweight tripod)



13 Configuration for remote control using a tablet (on heavy duty tripod and tribrach)



Customer Care Packages

14 Customer Care Packages (CCP)

The RTC360 standard package (6012673) and the RTC360 LT standard package (6015307) include a 1 year CCP Basic contract. Multi-Year CCP contracts are available, but can only be ordered with the initial purchase of an instrument.



6013561	1 year CCP Basic.
6013562	2 years CCP Basic.
6013563	3 years CCP Basic.
6013564	5 years CCP Basic.



6013565	1 year CCP Blue.
6013566	2 years CCP Blue.
6013567	3 years CCP Blue.
6013568	5 years CCP Blue.



6013572	1 year Ext. CCP Bronze.
6013569	2 years CCP Bronze.
6013570	3 years CCP Bronze.
6013571	5 years CCP Bronze.



6013573	1st year CCP Silver.
6013577	1 year Ext. CCP Silver.
6013574	2 years CCP Silver.
6013575	3 years CCP Silver.
6013576	5 years CCP Silver.



6013578	1st year CCP Gold.
6013582	1 year Ext. CCP Gold.
6013579	2 years CCP Gold.
6013580	3 years CCP Gold.
6013581	5 years CCP Gold.

	Customer Support	Extended Warranty	Hardware Maintenance incl. Calibration	Loaner Instrument
Basic	✓			
Blue	✓		✓	
Bronze	✓	✓		
Silver	✓	✓	✓	
Gold	✓	✓	✓	✓

Trademarks & Technical Data

15 Trademarks

The *Bluetooth*® word mark and logos are owned by Bluetooth SIG, Inc. and any use of such marks by Leica Geosystems AG is under license.
SD and microSD are trademarks of the SD-3C, LLC.
Other trademarks and trade names are those of their respective owners.

16 Technical Data

Scanner:
Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1



Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications.

Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Geosystems division provides a comprehensive portfolio of digital solutions that capture, measure, and visualise the physical world and enable data-driven transformation across industry ecosystems.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 22,000 employees in 50 countries and net sales of approximately 4.3bn EUR. Learn more at hexagon.com and follow us @HexagonAB.

Illustrations, descriptions and technical specifications are not binding and may change.
Printed in Switzerland - Copyright Leica Geosystems AG, Heerbrugg, Switzerland, 2022.
870514-2.1.0en - IV.22