

LEICA RTC360LT Laser scanner

Fast, agile and accurate 3D environment capture

Product number :27208000



Topfeatures

- 1.000.000 points/sec.
- Full dome scan and an advanced HDR image can be completed in less than 3 minutes
- Automated field-to-office data transfer
- Easy to use and configure in the field
- High-quality scans with low-noise

All special features at a glance

- Once at the location, its user-friendly one-button operation enables quick and uncomplicated scanning.
- 3D Reality Capture Solution: Fast. Agile. Precise.
- Supplement the collected data with information and clarify the possibilities for better planning. Represent the reality of the location and support your team in assessing the terrain situation.

Description

The Leica RTC360LT 3D environment capture solution enables users to document and capture environments in 3D thanks to fast, simple, precise and portable hardware and software - increasing efficiency and productivity in the field and in the office. The RTC360LT 3D laser scanner is the solution for specialists to manage complex requirements with precise and reliable 3D representations and explore site possibilities. The Leica RTC360 LT laser scanner makes 3D environment capture more economical than ever before. With a measurement rate of up to 1 million points per second and a modern HDR image processing system, colored 3D point clouds can be created in less than two minutes. Low-noise data enables better images, resulting in clear, high-quality scans that are rich in detail and can be used for a wide range of applications.

Technical Details

Dimensions	120 x 240 x 230 mm
Weight without battery	5200 g
Communication	W-LAN (802.11 b/g/n), Touchscreen 480 x 800 Pixel
Data storage	USB 3.0 Memory stick, 256 GB
Device orientation	upright or upside down
Power supply	rechargeable Li-ion battery or external
Operating time	> 60 Scans
Laser class	1
Field of view	360° (horizontal) / 300° (vertical)
Reach	0.3 - 130 m
Point measurement rate	up to 1.000.000 points/sec.
Camera	3-camera system with 36 MP
Point precision	1.9 mm @ 10 m

Operating temperature	-10°C to +40°C
Protection class	IP54

Scope of supply

RTC360LT Laser scanner, 4 x Li-ion batteries, Multiple charger, Transport case, 2 x USB stick 256GB, Rain bonnet, Documentation