

"SMART" INTERIOR LASERS



**Now more than ever It's time
for the World's most advanced
interior laser:**



- WORLD'S 1ST GREENBEAM® ULTRA-VISIBLE LASER
- WORLD'S 1ST SMARTSCAN BEAM CONTROL WITH LINE DRAWING
- WORLD'S 1ST SMARTLINE® AUTO VERTICAL BEAM ALIGNMENT
- WORLD'S 1ST SMARTSLOPE™ AUTO SLOPE MATCHING
- WORLD'S 1ST SMARTPLUMB

It's time.

Introducing the next generation interior lasers from Topcon, the RL-VH3 Series. It features Topcon's exclusive ultra-visible GreenBeam® technology. The RL-VH3G GreenBeam® is the only choice for contractors working in large commercial structures. The GreenBeam® quadruples beam brightness over red beams so you never lose the beam, even in direct sunlight. And you won't lose any more time hunting for it on your target. But Topcon doesn't believe in limiting choices, and that's why the RL-VH3 Series laser comes in a variety of configurations so there's one to fit every job and every budget.

Unmatched Horizontal and Vertical Layout

Finish Walls – Faster and Better

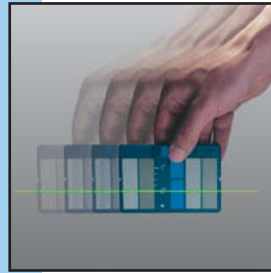
All RL-VH3 laser packages come standard with an adjustable wall mount. The wall mount clamps effortlessly on any "L" channel and provides stable, out-of-the-way access to the beam.

Vertical set-ups are just as easy. Place the RL-VH3 on its side (all have a built-in floor mount) to manage vertical layout and alignment. The unique automatic plumb beam instantly establishes initial layout points and the laser's rotation transfers these points to any surface on the job to position studs, drop walls, or bulkheads. With the 90° beam emitted from the top and bottom of the RL-VH3 you can speed the pace of any 90° layout or alignment job, quickly establishing corners and Tee's.

All RL-VH3's can even be mounted to a tripod if needed. The RL-VH3G's super-bright GreenBeam® can be seen easily outdoors in sunlight, perfect for alignment of decking, depth verification for footers, or layout for concrete walkways. There's even an optional LS-70 laser sensor made specifically to work with the GreenBeam®.

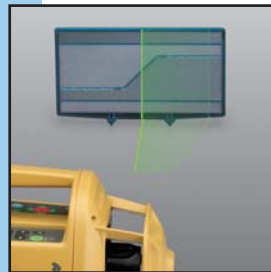
Topcon's RL-VH3 Series interior lasers: It's time for the one-man layout tool you'll have to see to believe!

It's about increased productivity. It's about increased control. It's about increased value. It's about time. And it's only from Topcon...



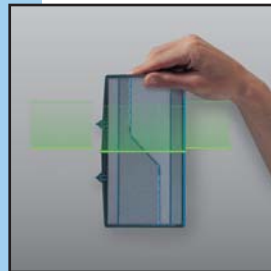
SmartScan®

Topcon's SmartScan lets you draw a line of focused laser light on any surface, to any length you need. And it stays there as long as you need. All done automatically from the target.



SmartLine®

Aligning the beam for vertical operation is automatic. Simply place the target at your farthest control point and the beam automatically centers on the target. One person alignment at record breaking speed.



SmartSlope™

With SmartSlope, put the target at the right elevation and the beam automatically drives to it and stays there. It works for either compound or single slopes. One person. Accurate. Easy.



SmartPlumb

Vertical setups are fast and accurate. Just press the SmartPlumb button and the beam plumbs directly below the aperture. You get the perfect setup point, plus a scan line for roughing in. It's great for tripod setups.



RL-VH3 SERIES

"Smart" Interior Lasers



RC-30 optional remote

The optional RC-30 radio remote handles all of the functions of the RL-VH3 series lasers. It features an operational range of 300', two-way laser communication, uses selectable transmission frequencies, and the ability to pinpoint focus the beam on any surface.



- RC-30 battery and signal verification LED's
- Incremental beam advance/reverse
- Scanning mode control
- Rotation speed control
- SmartPlumb® control
- X/Y slope control

Fast, dependable, durable, accurate, visible. 4 times more visible! The RL-VH3 – all the interior laser, with all the features, you'll ever need.

Compact in design with integrated handle and weighing only 6.6 lbs (3.0kg), the RL-VH3G is truly portable and easy to set-up



Simultaneous 90° beam for plumb and layout

Simple push button slope control to keep the job moving

Automatic horizontal alignment selector

Horizontal and vertical SmartPlumb™ control

Rugged, sealed design protects the unit from dust and moisture

Simultaneous 90° beam for plumb and layout

Electronic self-leveling mechanism provides fast setups and the world's most reliable and stable leveling

Vertical scanning selector

Incremental beam advance for ultimate control

Variable rotation speeds from 0 to 300

High-power mode selection for work over extra-long distances

Floor Mount provides fast setup over a point and includes tripod mount

There's an RL-VH3 that fits you, that fits your jobs...

Priced for value, the RL-VH3A offers all of Topcon's "smart" interior laser technologies in a red beam.

Looking for a high performance laser at a great price. The RL-VH3B is for you. Features high precision leveling, scanning, variable speeds, and slope match.

Accessories

57108 LS-70B Sensors
(for green laser)



56994 LS-70B Sensors

56998 Sensor Holder 6 for LS-70A/B/C



Full range of Grade & Level Rods
Ask your Topcon Dealer for details



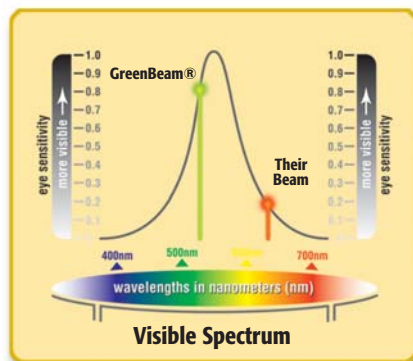
Full range of tripods to fit every job
Ask your Topcon Dealer for details

Why green?

It's brighter. Up to four times brighter than conventional beams.

As the chart shows, your eye sees certain wavelengths of light better than others, with the mid-500 nanometer range being the most visible. That's why Topcon developed the GreenBeam®.

You can see the GreenBeam® anywhere under any conditions. Set the laser up for best coverage every time, no need to worry about windows or other lighted areas. You're using the beam instead of losing it, so the job gets done faster.



RL-VH3 Series Packages include:

- Rechargeable Ni-H Battery Pack
- 2 Magnetic Ceiling Targets
- Floor Mount
- Hard Shell Carry Case
- SmartLine™ Target
- Adjustable Wall Mount (A & G)
- Standard Wall Mount (B model)



The Leader in Positioning Technology...

Topcon offers positioning products that deliver unparalleled site-wide performance and integration. Topcon's history of technological advances and our reputation for superior reliability means there's no other company positioned to provide you with a better "Total Positioning Solution."

From survey to inspection Topcon, through our 170+ dealers throughout North and South America, provides the innovative technology that gives surveyors, civil engineers, contractors, equipment owners, and operators the competitive edge by addressing such critical issues as increasing profits, quality craftsmanship, improving productivity, lowering operating costs, and enhancing job site safety.

Full positioning integration field-to-finish: That's the goal of Topcon. When it's time for you to step up to the next level, it's time to turn to Topcon.

The Leader in Customer Satisfaction...

To ensure that your Topcon laser maintains peak performance, your local Topcon dealer offers factory trained and certified service technicians. If service isn't available in your area, our factory offers a repair and return policy second to none.

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Specifications subject to change without notice

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Specifications

	RL-VH3G	RL-VH3A	RL-VH3B
Beam Type	532nm Green Laser	633nm Red Laser	633nm Red Laser
SmartFocus™	Yes	Yes	No
SmartScan™	Yes	Yes	Yes
SmartLine™	Yes	Yes	Yes
SmartPlumb™	Yes	Yes	Yes
Vertical Beam	Yes (up and down)	Yes (up and down)	Yes (up only)
Vertical Accuracy	±15"	±15"	±15"
Horizontal Accuracy	±10"	±10"	±10"
Rotating Speed (RPM)	30 to 600 Selectable	30 to 600 Selectable	30 to 300 Selectable
Self-Leveling Range	±5°	±5°	±5°
Operating Range	330' (100m) Dia.	330' (100m) Dia.	330' (100m) Dia.
Power Sources			
Batteries	Ni-H/Alkaline	Ni-H/Alkaline	Ni-H/Alkaline
External	AC/12vDC	AC/12vDC	AC/12vDC
Operating Temperature	-4 to 122°F (-20° to 50°C)	Same	Same
Laser Classification	Less than 5mw/Class IIIa	Less than 5mw/Class IIIa	Less than 5mw/Class IIIa
Water/Dust Proof	Yes	Yes	Yes
Field Calibration	Yes	Yes	Yes
Dimensions	8.4" x 6.6" x 10.2" (214 x 167 x 259.5 mm)	8.4" x 6.6" x 10.2" (214 x 167 x 259.5 mm)	7.6" x 6.6" x 10.2" (193.5 x 167 x 259.5 mm)
Standard Warranty	2 Years	2 Years	1 Year
RC-30 Remote	Optional	Optional	Optional



Other Topcon Laser Solutions:

Entry Level Interior Lasers

Perfect for remodels, cabinetry and small area jobs, the RL-VH3D is incredibly affordable and offers the high-end features you won't find in any other low-end laser.

RL-VH3D: SmartScan™, automatic self-leveling, compact/lightweight with integrated handle.

RL-VH3DR: SmartScan™, automatic self-leveling, compact/lightweight with integrated handle and high-power diode. Includes RC-30 Radio Remote.

General Construction Lasers:

The RL-H3C Series of infra-red construction lasers is a Topcon best value, with a host of World-Leading features at unbeatable prices. They're the perfect general construction laser for any contractor's needs.

Choose from:

RL-H3A: fully automatic self-leveling with 1,150' (350m) operating radius.

RL-H3C: fully automatic self-leveling with 500' (150m) operating radius.

RL-H3CL: fully automatic self-leveling with long-range 820' (250m) radius.

RL-H3CS: fully automatic self-leveling, slope match capability with 500' (150m) operating radius.



Your local Authorized Topcon dealer is: