

RL-VH4G

TOPCON

TOPCON
WORLD'S FIRST
Technology

GREENBEAM[®] **INTERIOR LASER**



Full-featured professional laser at an economical price.

- TOPCON'S WORLD'S FIRST GREENBEAM[®] TECHNOLOGY
- WORLD'S 1ST SMARTSCAN BEAM CONTROL WITH LINE DRAWING
- BUILT IN FLOOR MOUNT FOR VERTICAL WALL STUD LAYOUT WITH 90° BEAM FOR CORNERS AND TEE'S
- EXTENDED BATTERY OPERATION – UP TO TWICE THAT OF OTHER LASERS!
- TOPCON QUALITY AND FEATURES AT AN ECONOMICAL PRICE

Patents Issued: 5636018, 5926305, 5517023, 6248989, 6002696, 5991325, 5936987, 5898489, 5825798, 5745623



Featuring Topcon's world's first ultra-visible GreenBeam® technology, the new RL-VH4G is a professional interior laser that right for all jobs and all budgets. Compared to ordinary red beam lasers the GreenBeam® quadruples beam brightness so you never lose the beam, even in direct sunlight! And you won't lose time hunting for it on your target.

Unmatched Horizontal and Vertical Layout

Establishing level across an area, large or small, is easy with the RL-VH4G. Use the scan target to capture the beam and "stretch" it to any length, up to 180° to create a plane of laser light that's bright, stable, and perfectly level. Use an optional wall mount to suspend ceiling grid across an entire office, or set a level reference when hanging cabinets or setting counter tops.

Finish Walls fast and easy

Vertical set-ups are a snap. Simply place the RL-VH4G on its side (using the built-in floor mount) to manage vertical layout and alignment. Set up over layout points, turn it on, and the laser's rotation transfers these points to any vertical surface on the job to position studs, drop walls, or bulkheads. With the 90° beam emitted from the top and bottom of the RL-VH4G you can speed the pace of any 90° layout or alignment job, quickly establishing corners and Tee's.

The RL-VH4G can even be mounted on a tripod, if needed. The RL-VH4G's super-bright GreenBeam® can be seen easily in direct sunlight that makes it 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®.

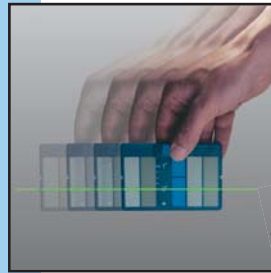
Topcon's RL-VH4G interior laser: It's time for the one interior laser that's right for all jobs.



RL-VH4G
"Smart" Interior Laser



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, automatically from the target.




Vertical Alignment

Using the optional vertical floor target, setting wall studs is easy. Simply place the optional vertical target on your line, place the RL-VH4G at the other end, and use the manual slope buttons, or optional RC-30 Remote to center the beam on the target. The 90° plumb beam provides an easily seen reference point for corners and tee's. It's fast and easy.



Self-leveling

Set up within 5 degrees of level and push the power button. The RL-VH4G features fast self-leveling (under 5 seconds) so it will be spinning and ready to go to work when you are. There's even an auto HI shut down that automatically turns off the laser if it is bumped or disturbed saving costly re-work.



Removable Laser Guard

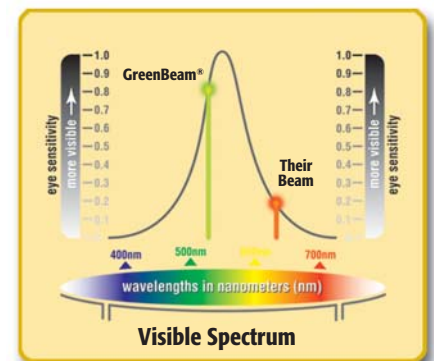
The RL-VH4G is the first laser to feature a removable laser guard that protects the rotating head in busy construction areas. During finishing or detail work, the guard can be removed for a full 360° laser sweep with no pillar "gaps". Another innovative first, only from Topcon.

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.



Fast, dependable, durable, accurate, visible. 4 times more visible!
The RL-VH4G – all the interior laser, with all the features, you'll ever need.

Compact in design with integrated handle and weighing only 5.7 lbs (2.6kg), the RL-VH4G is truly portable and easy to set-up

Simultaneous 90° beam for plumb and layout

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

Manual slope "rake-in" selector for slopes up to 5°

Traditional bubble vial for quick rough leveling during set-up. Fast self-leveling motors do the rest

Rugged, sealed design protects the unit from dust and moisture



Removable Laser Guard

Incremental beam advance for ultimate control

Scanning selector

Variable rotation speeds from 10 to 300

On/Off self-leveling selector

Built-in Floor Mount (back of housing) provides fast setup over a point and includes tripod mount

Accessories

RC-30 optional remote
 The optional RC-30 radio remote handles all functions of the RL-VH4G. It features an operational range of 300', two-way laser communication, and uses selectable transmission frequencies.



P/N: 57024 RC-30 Remote

Wall Mount-1C
 Designed specifically for ceiling grid work, attach the RL-VH4G to Topcon's Wall Mount-1C and clamp to the "L" molding. Marked in 1" increments, slide the laser up or down to set the beam at just the right height.



P/N: 57020 Wall Mount-1C

LS-70BG Laser Sensor
 Perfect when you're using your RL-VH4G to set footers or check grade, the LS-70BG features an audible indicator. 11 levels of on-grade precision, laser power indicator, and HI alert displayed on a high contrast LCD.



P/N: 57108 LS-70BG

The power to work the way you want to work...

The RL-VH4G offers three power options for convenience and flexibility: alkaline (standard), rechargeable (optional), and AC run/charge (optional).

The RL-VH4G provides up to twice as many hours of operation from one set of alkaline batteries than other lasers. Four-time more visible than red beam and twice the operating time...an unbeatable combination.



RL-VH4G Package includes:

- 2 Magnetic Ceiling Targets
- Hard Shell Carry Case
- SmartLine™ Target
- 4 alkaline batteries
- Documentation and warranty



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-VH4G

Accuracy	H: ±20" (±2mm/20m) V: ±20"
Detecting Range	Diameter: 60m (Scanning) Diameter: 300m (LS-70G)
Beam Type	532nm Green Laser
Laser Class	Class 3R (JIS, IEC) / IIIa (CDRH)
Variable Rotating Speed	10 ~ 300 rpm (Selectable)
Water/Dust Proof	IP54 (Category 2)
Inclination Setting	2 axis manual
Batteries	Alkaline Dry Battery / Rechargeable Battery
Operating Time (Alkaline)	27h
External	AC/12vDC (run charge)
Weight	2.6 kg (w/o batteries)
Dimensions	182 x 167 x 240mm

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: