

H2, HV2R, HV2G

Rotary Laser Levels

Safety Information



3-Year Limited Warranty.
See the Users Manual for the full warranty.

To register your product, visit www.plslaser.com.

To view, print, or download the latest manual or manual supplement, visit www.plslaser.com.

A **Warning** identifies hazardous conditions and procedures that are dangerous to the user.

Warning

To prevent eye damage and personal injury:

- **Read all safety information before you use the Product.**
- **Carefully read all instructions.**
- **Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.**
- **Do not use the Product if it operates incorrectly.**
- **Do not use the Product if it is altered or damaged.**
- **Disable the Product if it is damaged.**
- **Use the Product only as specified or hazardous laser radiation exposure can occur.**
- **Do not look into the laser. Do not point laser directly at persons or animals or indirectly off reflective surfaces.**

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Specifications are subject to change without notice.

All product names are trademarks of their respective companies.

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ООО «Флюк СИАЙЭС»

125167, г. Москва,

Ленинградский проспект дом 37,

корпус 9, подъезд 4, 1 этаж

- Do not look directly into the laser with optical tools (for example, binoculars, telescopes, microscopes). Optical tools can focus the laser and be dangerous to the eye.
- Do not open the Product. The laser beam is dangerous to eyes. Have the Product repaired only through an approved technical site.
- Batteries contain hazardous chemicals that can cause burns or explode. If exposure to chemicals occurs, clean with water and get medical aid.
- Do not disassemble the battery.
- Repair the Product before use if the battery leaks.
- The battery door must be closed and locked before you operate the Product.
- Remove the batteries if the Product is not used for an extended period of time, or if stored in temperatures above 50 °C. If the batteries are not removed, battery leakage can damage the Product.
- Replace the batteries when the low battery indicator shows to prevent incorrect measurements.
- Be sure that the battery polarity is correct to prevent battery leakage.
- Use only Fluke approved power adapters to charge the battery.
- Do not short the battery terminals together.
- Do not disassemble or crush battery cells and battery packs.
- Do not keep cells or batteries in a container where the terminals can be shorted.
- Do not put battery cells and battery packs near heat or fire. Do not put in sunlight.
- Have an approved technician repair the Product.

Symbols

The table below lists the symbols that can be used on the Product or in this document.

Symbol	Description
	Consult user documentation.
	WARNING. RISK OF DANGER.
	WARNING. LASER RADIATION. Risk of eye damage.
	Battery or battery compartment.

Symbol	Description
	Low battery indicator.
	Conforms to European Union directives.
	Conforms to relevant Australian Safety and EMC standards.
	Conforms to relevant South Korean EMC standards.
	This product complies with the WEEE Directive marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 "Monitoring and Control Instrumentation" product. Do not dispose of this product as unsorted municipal waste.
	Indicates a Class 2 laser. DO NOT STARE INTO BEAM The following text may appear with the symbol on the product label: "IEC/EN 60825-1:2014. Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice 50, dated June 24, 2007." In addition, the following pattern on the label will indicate wavelength and optical power: $\lambda = \text{xxxnm}$, $x.\text{xxmW}$.

Specifications

	H2	HV2
Battery	4 x D Alkaline IEC LR6, rechargeable NiMh battery pack	
Battery life, continuous use, as tested		
Red	≥60 hours	≥60 hours
Green	NA	≥60 hours
Temperature		
Operating	-20 °C to 50 °C (-4 °F to 122 °F)	
Storage		
With batteries	-18 °C to 50 °C (-0.4 °F to 122 °F)	
Without batteries	-20 °C to 70 °C (-13 °F to 158 °F)	
Altitude		
Operating	2000 m	
Storage	12 000 m	

	H2	HV2
Size (H x W x L)	274 mm x 174 mm x 184 mm (10.78 in x 6.85 in x 7.24 in)	
Weight	2.9 kg (6.4 lb)	3 kg (6.6 lb)
Safety	IEC 61010-1: Pollution Degree 2	
Laser	IEC 60825-1:2014 Class 2	
Light source	Semiconductor laser diode	
Max output power	<1 mW	
Wavelength		
Red	635 nm ±5 nm	635 nm ±5 nm
Green	NA	520 nm ±10 nm
Electromagnetic Compatibility (EMC)		
International	IEC 61326-1: Basic Electromagnetic Environment CISPR 11: Group 1, Class B <i>Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself.</i> <i>Class B: Equipment is suitable for use in domestic establishments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.</i> <i>Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object</i>	
Korea (KCC)	Class B Equipment (Broadcast communications equipment for home)	
USA (FCC)	47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.	