



# User's Guide to the VLS-8

## Mini Visual Laser Source



www.grandway.com.cn

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**Product:** Visual Laser Source

**Type:** VLS-8 series

**Manufacturer:** Grandway

**Origin:** shanghai China

**Application:** Maintenance and test of telecommunication line, cable manufacturer, test of FTTx

## Description

F2H VLS-8 series mini visual laser source is the latest product of Grandway. This visual laser source has ergonomic design, small size, easy to operate portable and integrated with a launching indicator.

Visual laser is usually used to inspect the damaged or broken point of an optical fiber, cable, patchcord and etc. If the inspected fiber does have a defect, user could find the visual laser at the broken or damaged point.

Grandway VLS-8 series visual laser is suitable for both single mode and multiple mode fibers. The performance of the visual source will act a little different with different fiber coat and color.



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## Features

- Ergonomic design, rugged, portable and stable performance
- 2.5mm universal interface can be applied to almost any type of adaptor
- High laser power detecting range up to 15km
- Integrated with continuous wave and 2Hz modulated wave launching mode
- Interchangeable ceramic ferrule

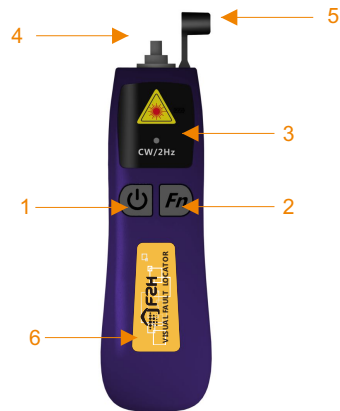
## Specification

Model	VLS-8-1	VLS-8-10	VLS-8-15	VLS-8-30
Laser Level <sup>①</sup>	CLASS IIIA	CLASS IIIB	CLASS IIIB	CLASS IIIB
Output Power <sup>②</sup>	≥1mW	≥10mW	≥15mW	≥30mW
Detecting Range <sup>③</sup>	About 5km	About 12km	About 14km	About 15km
Working Hours of CW mode <sup>④</sup>	About 13hours	About 6hours	About 5hours	About 3hours
Working Hours of 2Hz mode <sup>④</sup>	About 23hours	About 12hours	About 10hours	About 6hours
Laser Type	LD			
Connector	Un / FC(optional)			
Wavelength	650nm			
Modulation Frequency	CW / 2Hz			
Power Supply	2*AAA batteries			
Working Temperature	0°C~+40°C; <90%RH			
Storage Temperature	-20°C~+70°C; <90%RH			
Accessories	2*AAA batteries, manual, carrying case			
Dimension/Weight	L120mm*W33mm*H30mm / About 67.8g			



- NOTE :**
- ① It is strictly prohibited to direct the human eye and please take precautions to avoid static electricity releasing.
  - ② The output power is figured out by multiple mode optical fiber at 23°C±3°C.
  - ③ Detecting range will be different with different fibers.
  - ④ Working hours is figured out by 2\*AAA batteries at 23°C±3°C, it will be a little different by using different AAA batteries.

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## Control Panel



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Num.	Icon	Description
1		Long press ( $\geq 2s$ ) to turn on/off the power
2		Switch between CW and 2Hz mode
3	LED	Status indicator CW/2Hz
4	Interface	2.5mm universal interface
5	Dust Cap	Resist dust for interface
6	Battery Compartments	Install with 2*AAA batteries

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