VON.JAN TECHNOLOGY

2D SCAN HEAD

PSH-10

en | Data sheet | 1.1

- **Premium 2-axis laser scan head / 10 mm**
- **Highest precision with minimal drift**
- **Compact air-cooled design**
- **Designed for demanding laser applications**

Wavelength	1030 - 1080 nm [1]
Input beam diameter	10 mm
Tracking delay	0.12 ms
Writing speed	950 cps [2]
Max. optical deflection	0.418 rad
Resolution	12 µrad
Repeatability (RMS)	2 µrad
Positioning noise (RMS)	2 µrad
Max. gain-drift per axis	15 ppm/K
Max. offset-drift per axis	10 µrad/K

Long-term-drift per axis (8 h)	50 µrad
Cooling method	Passive
Control interface	XY2-100-Standard
Humidity	80% [3]
Supply voltage DC	15 V
Current consumption	5 A
Operation temperature	15 – 35 °C
Storage temperature	-10 – 60 °C
Mechanical dimensions (W × D × H)	99 × 150 × 110 mm
Net weight	2.8 kg

[1] Other available wavelenghts: 355 / 532 / 10600 nm

[2] f=163 / Hight 1 mm

[3] Non condensing

Information is subject to change without notice.
Product photos are non-binding and may show customized features.

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VON.JAN
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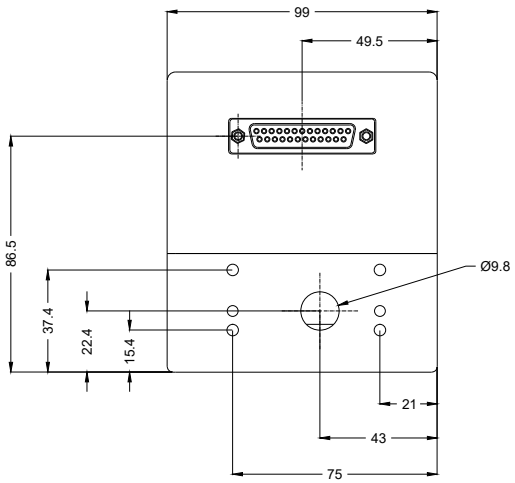

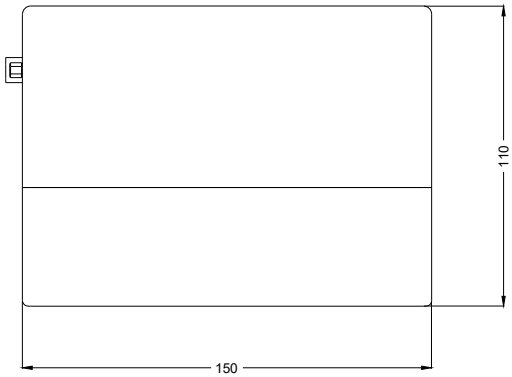

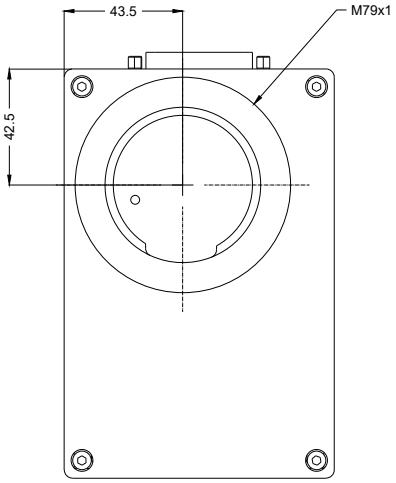

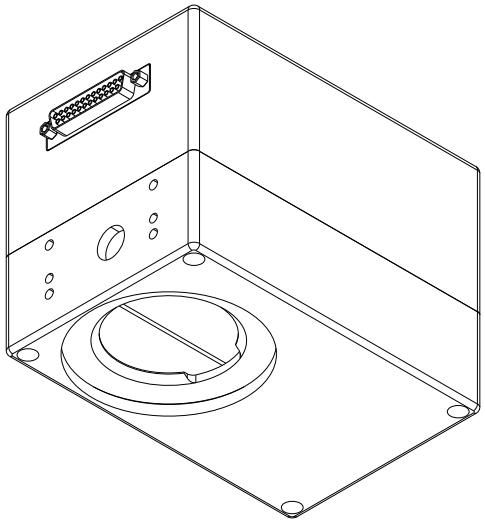

Dimensions are given in millimeters and are intended as reference values.
Binding information is available on request.

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