

# ZRX

## DATASHEET

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# Model ZRX

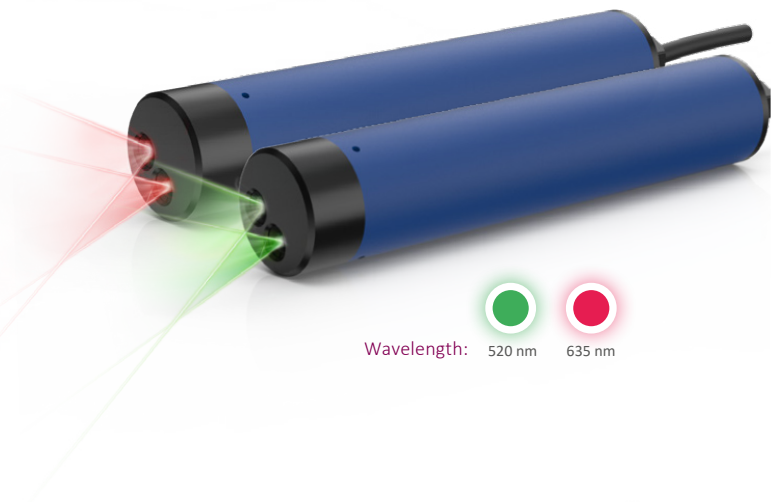
## large & precise cross projection

The ZRX series, which has proven its worth for many years, is available with red and green cross projections.

For an optimally visible positioning cross, the projection of the ZRX is performed by two line laser diodes, rotated through 90 degrees, which project a consistent, large cross even with larger distances. In contrast to the use of cross optics (DOEs) ZRX projects thin lines and no stray light is visible next to the actual projection.

The ZRX is particularly suitable for use in the textile industry (e.g. with textile tables to adjust checkered fabrics) or in mechanical engineering (e.g. for pod positioning with CNC routers).

With the internal power supply the laser can be connected directly to 85-265VAC and is available with up to 15x15mW red or 20x20mW green output power.



Easy Installation



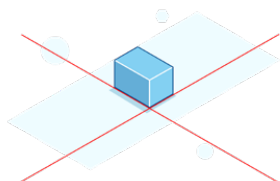
Output power of up to 20 mW



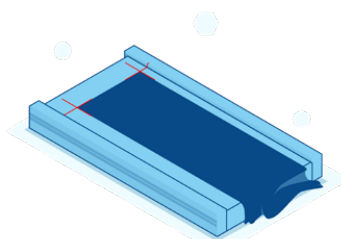
IP 65

## Highlights

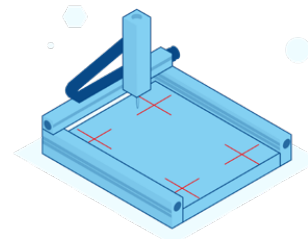
- Laser for cross projection up to 5 x 5m in 4m distance
- Best visibility and precise lines (two line lasers in one housing)
- Integrated wide power voltage range with high noise immunity
- Optical output power up to 2 x 15mW, red
- Optical output power up to 2 x 20mW, green
- IP 65



large & clearly visible cross



Alignment for textile tables



Display of suction cups on CNC machines

### Order Code

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Output power

-

RX

Product family

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Wavelength

### System specifications

Wavelength	nm	520	635
Output power	mW	2 x 20mW	2x 15mW
Laser operation mode		APC with current limiting	

### Electrical specifications

Operating voltage		90-265VAC
Protection		Integrated power supply with high noise immunity, Overvoltage category III, Burst & Surge resistance Level 4
Electrical isolation		Potential-free housing
Connection		Mains plug

### Optical specifications

Cross		(2x) Line gaussian 90°
Focus range		fixed standard focus
Laser class		2M

### Environmental conditions

Operating temperature	°C	-10 °C up to +40 °C
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### Mechanical specifications

Weight	g	590
Length	mm	201
Diameter head Ø	mm	40
Material		Aluminium, powder coated Optik head: Anodised black aluminium
Protection class		IP65