

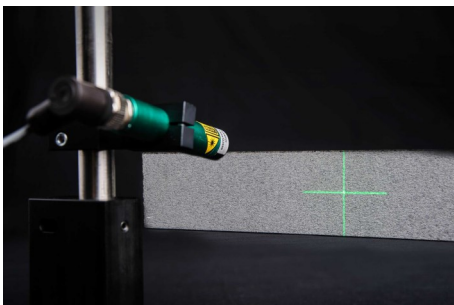
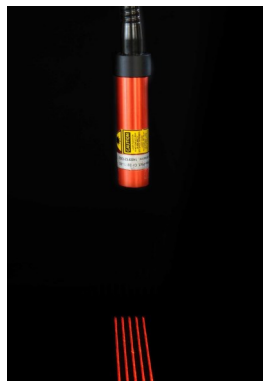
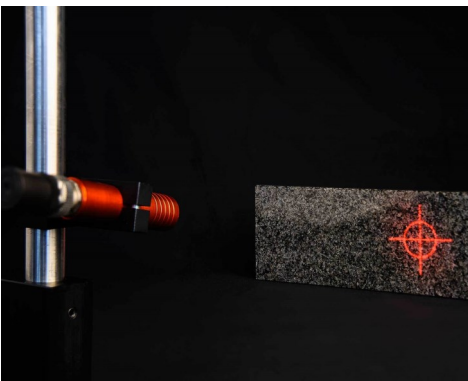
IDT3 is a red laser module with a slim 20 mm diameter aluminium housing.

It can project sharp dot, cross beams and several other patterns making it the ideal solution for alignment and positioning applications.

It can easily be installed or retrofitted on many types of machinery.

The IDT3 has operating voltage from 5 to 24 VDC.

It is also reverse-protected, transient-protected and highly resistant to vibrations. The laser beam is focused to minimize spot size and give the sharpest possible projections.



Mechanical specifications

Size	Length	105 mm
	Diameter	20 mm
Protection	IP 67	
Housing	Red anodised aluminium	
Safety class	From 1 to 3R	

Environmental Specifications

Storage temperature	-40 to +85 °C
Operating temperature	-15 to +50 °C
MTTF	15'000 - 30'000 h/25°C

Optical Specifications

Available wavelengths	405, 450, 520, 635, 650, 670, 808, 830 nm
Available power outputs	0.9–100 mW
Beam size at aperture	°e2 60
Beam divergence	0,8 - 0,5 mRad
Ray stability	0.01 mRad/°C

Accessories



I. Black anodised aluminium mounting brackets, with fixing holes for machine installation.

Upon request, lasers and their accessories can be customised to suit individual needs.

Electrical Specifications

Supply Voltage	5 /24 VDC
Operating current	I _{max} from 28 to 140 mA
Connections	White = + Brown = -
Reverse polarity protection	Yes