

## innoSCAN II - 8.5

### Features

- » High precision
- » Compact construction
- » Sealed housing
- » Competitive price
- » Performance improvement

increase in:  
 speed: up to 100%  
 dynamics: up to 50%



## TECHNICAL SPECIFICATIONS

Input Aperture	8.5 mm	Long-Term Drift (8h) <sup>3</sup>	< 0,3 mrad
Wavelength	355, 532, 1064, 10600 nm	Zero Offset	< 6 mrad
Tracking error time	0.11 ms	Digital Interface	XY2-100 Protocol
Writing Speed <sup>1 2</sup>	> 1000 cps	Analog Interface	±5V
Positioning Speed <sup>1</sup>	> 15 m/s	Ambient Temperature	+15 to +35°C
Typical Deflection	± 0.35rad	Storage Temperature	-20 to +60°C
Resolution	16 bit	Humidity	≤ 80% Non-condensing
Repeatability (RMS)	< 20 µrad	Voltage / Current	15 V±DC / max. 3A
Max. Gain drift <sup>3</sup>	100 ppm/K	Weight	ca. 1.1 kg
Max. Offset drift <sup>3</sup>	50 µrad/K	Dimensions L x W x H	109 x 88 x 80 mm

<sup>1</sup> with F-theta-lens, f = 160 mm

<sup>2</sup> Single-stroke font, 1 mm height

<sup>3</sup> Drift per axis

<sup>4</sup> After warming-up

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