

innoSCAN II - 30

Features

- » High precision
- » Large Aperture
- » Sealed housing
- » Competitive price
- » Performance improvement



TECHNICAL SPECIFICATIONS

Input Aperture	30 mm	Long-Term Drift (8h) ³	< 8 mrad
Wavelength	355, 532, 1064, 10600 nm	Zero Offset	< 6 mrad
Tracking error time	0.58 ms	Digital Interface	XY2-100 Protocol
Writing Speed ^{1 2}	> 260 cps	Analog Interface	±5V
Positioning Speed ¹	> 4 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 ³	100 ppm/K	Weight	ca. 4.75 kg
Max. Offset drift ³	50 µrad/K	Dimensions L x W x H	196 x 140 x 166 mm

¹ with F-theta-lens, f = 160 mm

² Single-stroke font, 1 mm height

³ Drift per axis

⁴ After warming-up

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