

Superscan IV 10mm 1064nm Bundle



Superscan IV Bundle



Stock **#21-950** **1 In Stock**

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1

+

S\$13,482⁰⁰

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SPECIFICATIONS

General

Type:
Dual Axis

Contents of Kit:
Superscan IV 10mm 1064nm Bundle:

#21-954
#21-962
#21-964
#21-965
#21-966
#21-967

Note: Software, Lens Ring, and Power Supply Sold Separately

Physical & Mechanical Properties

Mirror Aperture (mm):
10

Dimensions (mm):
170.0 x 125.0 x 117.5

Repeatability (μrad):
<2.0

Resolution (μrad):
XY2-100-E 16-Bit: 12 SL2-100 20-Bit: 0.76

Optical Properties

Coating:
Dielectric Mirror (1064nm)

Substrate: ☐
Silicon (Si)

Electrical

Current - Peak (A):
Maximum: 5

Current - RMS (A):
2.0

Hardware & Interface Connectivity

Power Requirement:
+30 or +48V

Environmental & Durability Factors

Operating Temperature (°C):
+15 to +35

Regulatory Compliance

Certificate of Conformance:
[View](#)

PRODUCT DETAILS

- 10, 14, and 15mm Mirror Apertures
- Coated for 1064nm Higher Power Laser Applications
- Stable Digital Control for High Speeds
- Dual Axis Configuration

RAYLASE Galvanometer Optical Scanners are available as either the MINISCAN III galvanometer or the SUPERSCAN IV galvanometer which both provide stable, high speed control in an IP64 rated dust-proof housing. The MINISCAN III galvanometer unit offers stable digital control, low noise, and low drift in a compact 134 x 98mm dual axis form factor. The SUPERSCAN IV galvanometer unit features a water-cooled master block design for stable thermal operation enabling applications that require frequent beam direction changes, high jump frequencies, and high input laser power. RAYLASE Galvanometer Optical Scanners are ideal for a range of high speed and high power laser manufacturing applications such as laser ablation, scribing, surface cleaning, material cutting, and component marking. These galvanometer units feature a highly reflective (HR) laser coating for 1064nm on the 10, 14, and 15mm mirror apertures, but can be coated for 355 and 532nm laser applications; please contact us for alternate galvanometer tunings or mirror coatings.

Note: For proper application implementation, these high-speed optical scanning devices must be used in conjunction with an F-Theta scanning lens. Our F-Theta scanning lenses can be found [here](#).

CUSTOM

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).