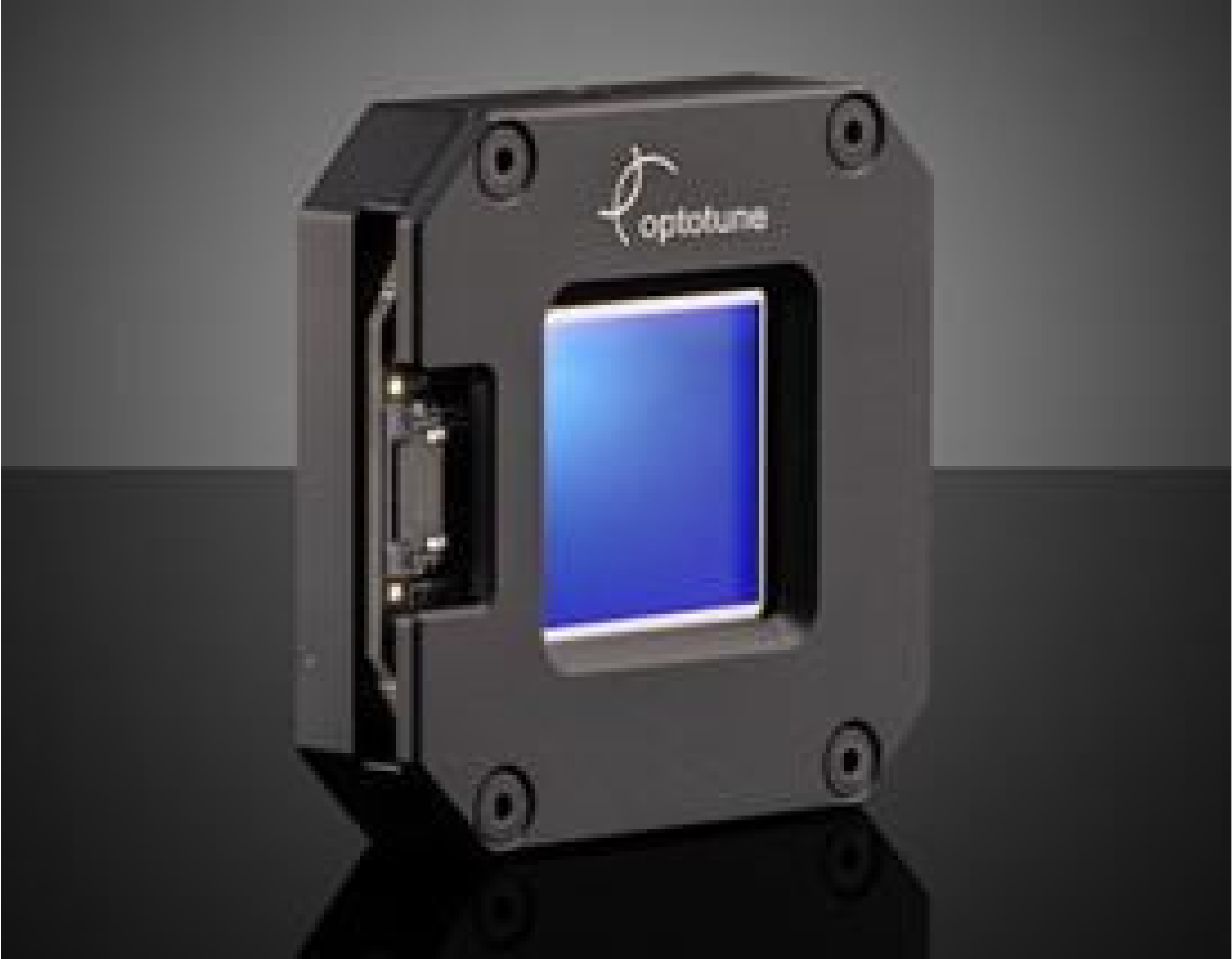


20mm Optotune Beam Shifter

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Optotune Beam Shifters



Stock **#23-851** 1 In Stock

-

1

+

C\$1,568⁰⁰

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General

1.3 (typical)	Rise Time (ms):
4 (typical)	Settling Time (ms):

Physical & Mechanical Properties

50.8 x 50.8 x 12	Dimensions (mm):
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53	Weight (g):
Optical Properties	
BBAR (400-680nm)	Coating:
0.4 (in x and y)	Scan Angle (°):
400 - 680	Wavelength Range (nm):
>98% @ 400 - 680nm (0-34° AOI)	Transmission (%):
<80nm	Transmitted Wavefront Error, RMS:
Hardware & Interface Connectivity	
6-pin FPC	Connector:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Increase Resolution up to 4X with High Angular Position Accuracy
- Fast Transition Times with Light-Weight and Compact Design
- Optotune ICC-4C-2000 Controller Required ([#23-717](#))

Optotune Beam Shifters accurately tilt a glass window in two axes, resulting in a lateral shift of light which facilitates a resolution increase up to 4X. Utilizing pixel shifting these windows make it possible to capture the full sensor resolution for each color channel by shifting an image a full pixel in X and Y. These windows are mounted in a compact aluminum bracket for easy integration into space constrained systems. Optotune Beam Shifters have an EEPROM containing calibration data for precise open-loop control and include a flex cable for quick connection with the Optotune ICC-4C-2000 controller, [#23-717](#), sold separately. In addition to camera and projection systems, these windows are ideal for non-imaging applications such as optical fiber-coupling, 3D printing, and metrology.