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20mm Optotune Beam Shifter

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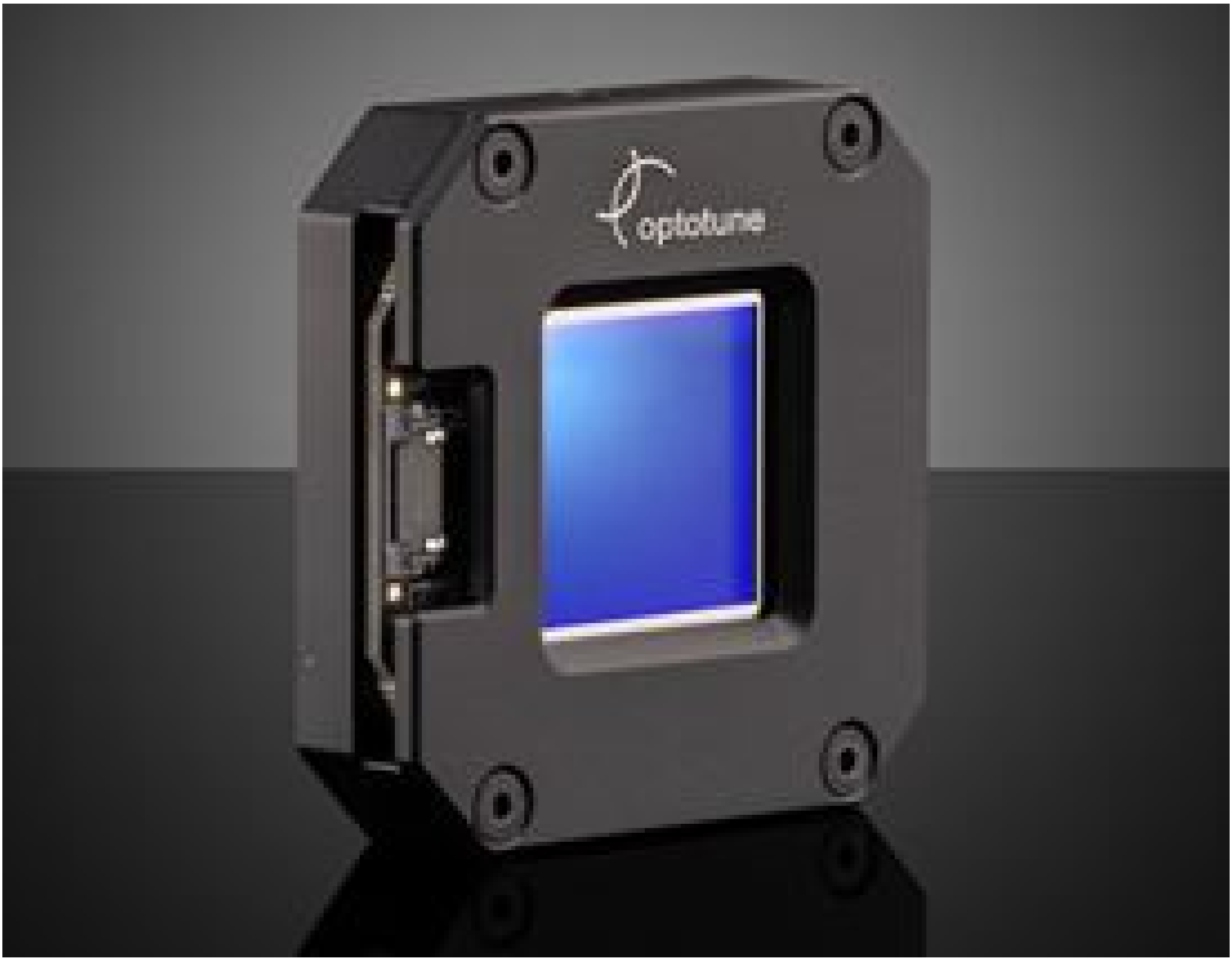

Optotune Beam Shifters

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

- 1 + **€840**.00

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Volume Pricing	
Qty 1+	**€840,00** each
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Product Downloads

General

Rise Time (ms):

1.3 (typical)

Settling Time (ms):

4 (typical)

Physical & Mechanical Properties

Dimensions (mm):
50.8 x 50.8 x 12

Weight (g):
53

Optical Properties

Coating:
BBAR (400-680nm)

Scan Angle (°):
0.4 (in x and y)

Wavelength Range (nm):
400 - 680

Transmission (%):
>98% @ 400 - 680nm (0-34° AOI)

Transmitted Wavefront Error, RMS:
<80nm

Hardware & Interface Connectivity

Connector:
6-pin FPC

Regulatory Compliance

Certificate of Conformance:
View

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.

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