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Optotune 2D Mirror Base Unit MR-E-3 (Recertified 05-N)

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Stock #73-038-RCD-05N **RECERTIFIED** 1 In Stock

⊖ 1 ⊕ A\$1,632.⁰⁰

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General

Note:

Includes a USB cable, mounting bracket for DIN rail, and a power supply with plug options for North America, Europe, the United Kingdom, Australia, and China

Physical & Mechanical Properties

Housing Diameter (mm):

45

Hardware & Interface Connectivity

24 - 48 VDC **Power Requirement:**

Windows® 10 **Operating System:**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- $\pm 50^\circ$ of Optical Scanning
- Protected Gold or Silver, and VIS Dielectric Coated Mirror Options
- Compact 45mm Diameter Housing Footprint
- Control via USB, SPI, or Analog Input

Optotune Fast Steering Mirrors provide a larger optical scanning range and mirror size than conventional galvanometers or micro-electro-mechanical (MEMS) mirrors. This dual axis voice-coil mirror (VCM) has a compact footprint with a large 15mm mirror that can be adjusted with $\pm 25^\circ$ of mechanical tilt for $\pm 50^\circ$ of optical scanning range. The mirror is operated using the [Optotune Cockpit GUI](#) via USB, serial peripheral interface (SPI), or analog input. Optotune Fast Steering Mirrors are available with a protected silver or gold, and VIS dielectric coating, enabling their use in both visible and near-infrared (NIR) applications. Typical applications for these fast steering mirrors include automotive LiDAR, biometric eye tracking, and field of view expansion of vision systems.

Note: #14-574, #14-575, and #18-281 require #14-576 for operation and #73-039, #73-042, and #73-043 require #73-038 for operation. A heatsink is included with each mirror and recommended to be used to ensure proper heat-dissipation. Do not connect or disconnect the mirror head while the base unit is connected to power as this will damage the mirror driver.