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   +   €1.020.⁰⁰

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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, Austrailia, and China

Physical & Mechanical Properties

Housing Diameter (mm):

Hardware & Interface Connectivity

Power Requirement:

24 - 48 VDC

Operating System:

Windows® 10

Regulatory Compliance

Certificate of Conformance:

View

Product Details

- ±50° 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 ±25° of mechanical tilt for ±50° 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.