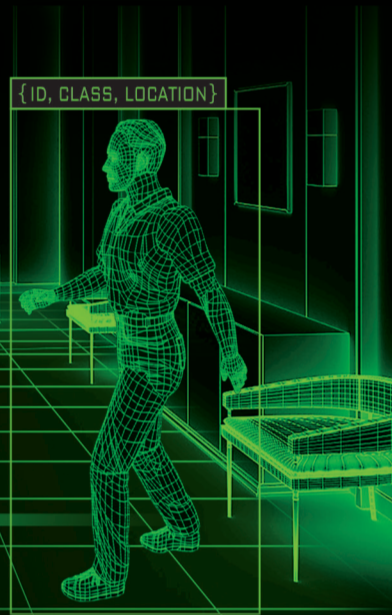


QUICK START GUIDE

MV-2400li3

Consumer LiDAR
Starter Kit



MicroVision

CAUTIONS & WARNINGS

All users of the Starter Kit must read this safety information before operating the unit.

Warnings regarding use and care of the Starter Kit:



Caution

This MicroVision Consumer LiDAR Starter Kit is designed to be used in conjunction with a MicroVision Consumer LiDAR Explorer Edition* which is sold separately.

In a system where a Starter Kit is mated with an Explorer Edition, the use of external optics or controls, adjustments of performance other than those specified in this Quick Start Guide or User Guide may result in hazardous laser radiation exposure.

** The MicroVision Consumer LiDAR Explorer Edition is a Class 1 device that conforms to the IEC 60825-1:2014 Edition 3. Additional information regarding the laser classification can be found in the documentation related to the Explorer Edition device.*

SERVICE & MAINTENANCE

**THERE ARE NO OPERATOR SERVICEABLE PARTS
INSIDE THE STARTER KIT**



Warning

For preventative maintenance or repair of performance-related issues, the system must be returned to MicroVision. See the Warranty accompanying in this Quick Start Guide for contact information to initiate a return.

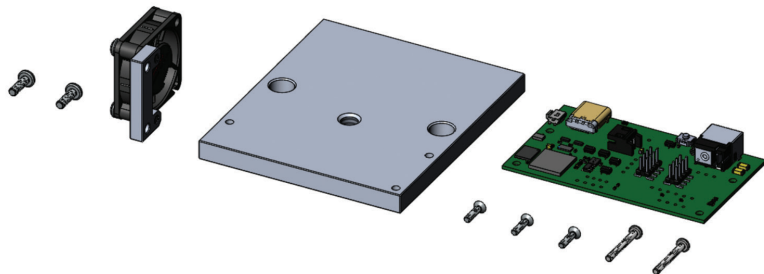
MV-2400li3

CONSUMER LIDAR STARTER KIT

The MicroVision **Consumer LiDAR Starter Kit** facilitates the evaluation of the Consumer LiDAR Explorer Edition hardware and for host device application software development. It is delivered ready to assemble into a working LiDAR system. It is not intended to represent a consumer-ready end product.

Finished form factor, industrial design, thermal management, power management, user interface, auxiliary features and any other commercial product considerations should be addressed as part of bringing a product to market to suit target audiences and differentiation requirements.

IN THE BOX



- Base plate
- Data conversion board
- Three M2 x 8 mm long Phillips flat head screws
- Two M2 x 16 mm long Phillips pan head screws
- Fan assembly
- Two M2.5 x 8 mm long Phillips pan head screws
- 5V DC power supply (not shown above)
- USB Type-C to USB 3.x Type-A Male 2 m cable (not shown above)
- #0 Phillips screwdriver (not shown above)
- Quick Start Guide (this booklet)

DIRECTIONS

1. Attach the Explorer Edition (sold separately) to the base plate

- Place the Explorer Edition ④ on top of the base plate ① and run the three M2 x 8 mm long Phillips flat head screws ⑤ in through the bottom of the base plate using the supplied #0 Phillips screwdriver ⑧; tighten the screws in place. NOTE: The base plate can be tripod mounted using the 1/4"-20 threaded hole. It can also be mounted to a flat surface, using M6 (1/4") fasteners, on 50 mm (2") center-to-center spacing threaded holes.

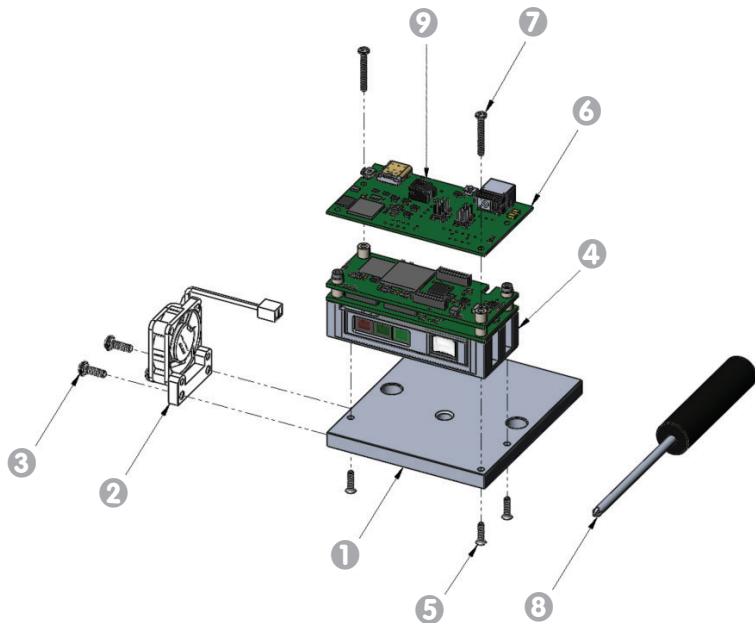
2. Attach the data conversion board

- Orient the data conversion board ⑥ on top of the Explorer Edition. Once the data conversion board is oriented and aligned, push down to connect the two boards. As seen in the rendering on the following page, the barrel jack for the 5V DC power supply is at the top right (J2), the USB-C jack at the top left (J5).
- Insert the two M2 x 16 mm long Phillips pan head screws ⑦ into the two available holes of the data conversion board and tighten in place. NOTE: Two of the mounting holes will be blocked by screws holding the lower two boards in place.

3. Attach the fan assembly *(optional but recommended for widest operating environment)*

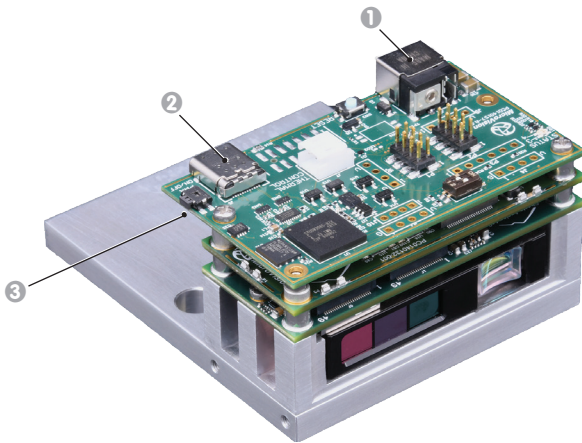
- Attach the fan bracket assembly ② to the side of the base plate with two M2.5 x 8 mm long Phillips pan head screws ③.
- Connect the 2-wire fan cable to the keyed connector ⑨.

*This completes the assembly of the Starter Kit components
with the Explorer Edition (sold separately).*



POWERING ON

1. Plug the 5V DC power supply into an 110V-220V AC outlet and connect the barrel plug from the 5V DC power supply to the power jack **1** on the Starter Kit data conversion board.
2. Plug the USB cable Type-A end into a PC and the USB-C end into the jack **2** on the data conversion board.
3. Turn on the power by pressing the power button **3**.
4. Refer to online documentation for next steps. *(See next section)*



SOFTWARE AND APPLICATIONS

Visit <https://github.com/MicroVision-Inc/Consumer-LiDAR/> for Visualization Software, Software Development Kit, User Guide and Example Applications. Consult the bar code label on the box for your specific model.

SERVICE AND SUPPORT

For questions and support please contact MicroVision Customer Service by e-mail at **customerservice@microvision.com**.

Engineering and development support are not included with the purchase of the MV-2400li3. **For expanded support services beyond basic troubleshooting, please contact your MicroVision sales representative.**

NOTICE AND LIMITED WARRANTY

STARTER KIT IMPORTANT NOTICE

The enclosed Starter Kit is a “Prototype” intended for use for **ENGINEERING DEVELOPMENT OR EVALUATION PURPOSES ONLY** and is not considered by MicroVision, Inc. to be fit for commercial use. As a Prototype, this device may not meet the technical requirements of the European Union directive on electromagnetic compatibility.

The user assumes all responsibility and liability for proper and safe handling of the unit. Also be aware that the enclosed unit may not be regulatory compliant or agency certified (such as FCC, UL, CE, etc.) with the exception of IEC 60825-1 Laser Safety. MicroVision assumes no liability for application assistance, customer's product design, or software performance.

Subject to the terms of the MicroVision End User License Agreement found in the downloadable User Guide at <http://github.com/microvision-inc>. MicroVision grants Customer a limited, non-transferable, non-exclusive license to use MicroVision software and firmware in connection with the use of the Prototypes. MicroVision is not selling any MicroVision software or firmware to Customer. Customer is not licensed to use MicroVision software or firmware in connection with any other application or for any purpose other than evaluation of the Prototype.

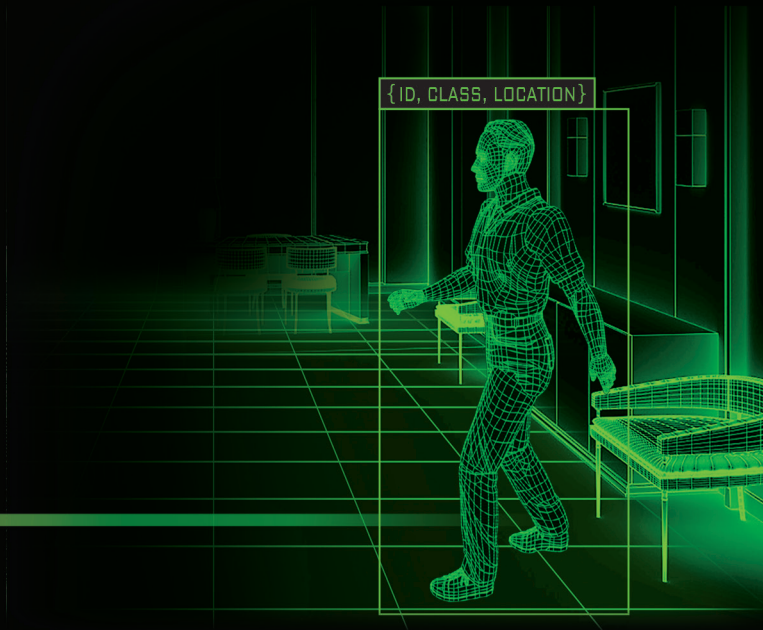
Contact Information. If you have any questions, please contact MicroVision Customer Service by e-mail at customerservice@microvision.com.

Limited Warranty. MicroVision warrants that the Prototype will be free of defects in material and workmanship for ninety (90) days from the delivery date. MicroVision will at its option, repair or replace the Prototype or refund the purchase price paid by Customer for the defective Prototype. The repaired or replaced parts or Prototype may include new, reconditioned or re-manufactured parts and equipment at MicroVision's option. Such repair, replacement or refund shall be the sole remedy of Customer in the event of MicroVision's breach of this limited warranty. All costs associated with shipment to MicroVision for warranty service, including but not limited to freight,

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