NEON-1000-MDX Series

Industrial AI Camera

Package Contents

Your package should contain:

- NEON-1000-MDX camera
- Quick Start Guide (this document)

Accessories

- 1.8m USB Type-C cable with screw lock (P/N: 30-01284-0010-A0)
- USB Type-C adapter/hub (P/N: 92-99090-1010)
- 3m DB-15 to DB-37 I/O extension cable (P/N: 30-01332-0010-A0)
- DIN-37D-01 I/O extension board (P/N: 91-14025-1020)
- 12V AC/DC adapter (P/N: 31-62156-1000-A0)
- C-mount lens, focal length 8mm, aperture f1.4 (P/N: 92-15731-0010)

Getting Started

1. Check the product package to make sure items are not missing.
2. Connect the NEON-1000-MDX to the USB Type-C adapter/hub.*****
3. Connect the power cord, monitor, keyboard, and mouse to the USB Type-C adapter/hub.
4. Turn on the power to the USB Type-C adapter/hub. The power LED (green) should light after the NEON-1000-MDX has powered on.

   See the user's manual for more information about:
   - Status LEDs: Section 2.2
   - Image capture and inference: Chapter 3
   - Connectors and I/O: Chapter 2

***Note:** Use only recommended ADLINK accessories. Refer to the datasheet for details about the accessories that ADLINK recommends.

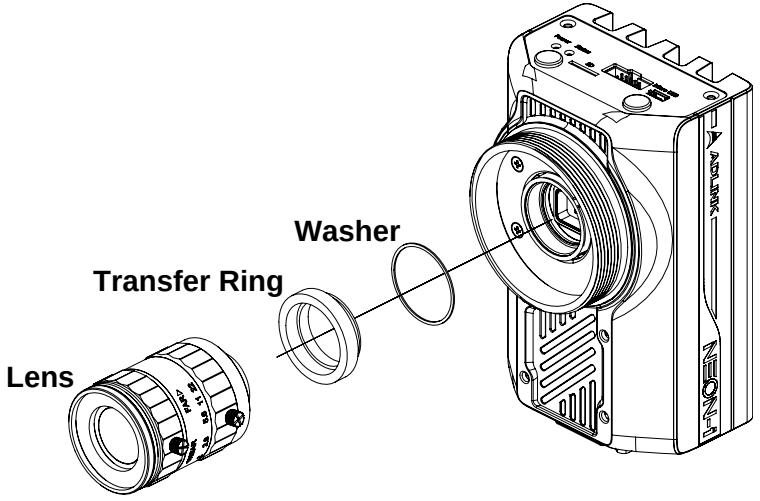
Important Notice

1. Always shut down the system OS before cutting off the power supply.
2. Use the cables and power adapter provided by ADLINK to ensure compatibility with the device.
3. To ensure normal system operation, only use image files from ADLINK to flash the system when needed.

Lens Installation

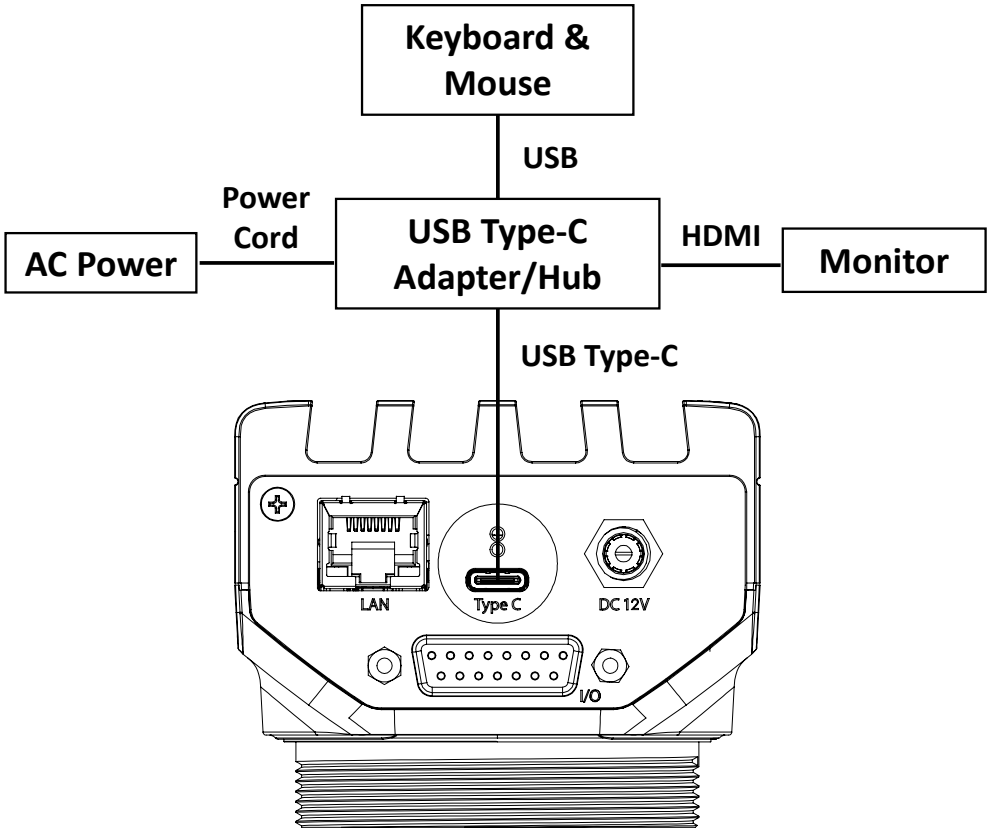
Note: Make sure the environment is clean and do not allow any dust to fall onto the image sensor during installation of the lens.

The NEON-1000-MDX supports a C-mount lens and comes preinstalled with the transfer ring and washer. The washer is used only with the NEON-102B-MDX. See the following illustration for details:



Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Cable Connection



NEON-1000-MDX Quick Start Guide

Features

- All-in-one design reduces space requirements and minimizes cabling, compatibility, and reliability issues
- USB Type-C adapter/hub for easy cable connection
- Extensive FPGA-based I/O designed for machine vision applications

Contact ADLINK

Web: http://www.adlinktech.com
Service: service@adlinktech.com

Tel: +886-2-8226-5877
Fax: +886-2-8226-5717

Copyright © 2020 ADLINK Technology, Inc.
Contents and specifications subject to change without notice.

P/N 50-40388-5000 Rev. 1.0 2020-08-20

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000