NEON-2000-JT2-X Series

Industrial AI Camera

Package Contents

- NEON-2000-JT2-X camera
- Quick Start Guide (this document)

Accessories (included in Starter Kit)

Item	Part Number
M12 USB Type-C cable (2m)	30-01335-0010-A0
M12 Ethernet cable (3m)	30-01336-0000-A0
M12 DI/O cable (3m)	30-01337-0000-A0
M12 system flash cable	30-01338-0000-A0
Lens cover (length: 58mm)	34-90110-0000
DIN-37D-01 (I/O extension board)	91-14025-1020
C-mount lens (8mm f/1.4, 2.3”)	92-15731-0010
USB Type-C hub/adapter	92-99090-1010

Getting Started

1. Check the product package to make sure items are not missing.
2. Connect the NEON-2000-JT2-X 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-2000-JT2-X 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 ADLINK-recommended accessories.

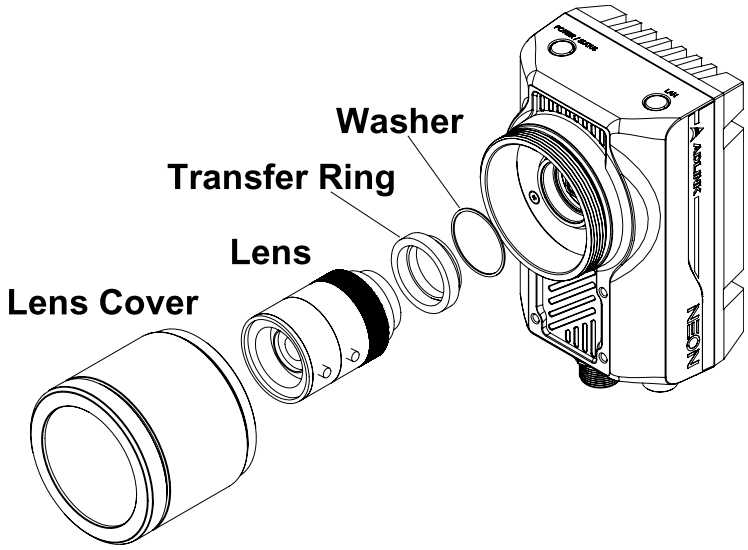
Important Notice

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.
4. Do not supply power to the camera from the AC/DC adapter and the USB Type-C hub/adapter at the same time.

Lens Installation

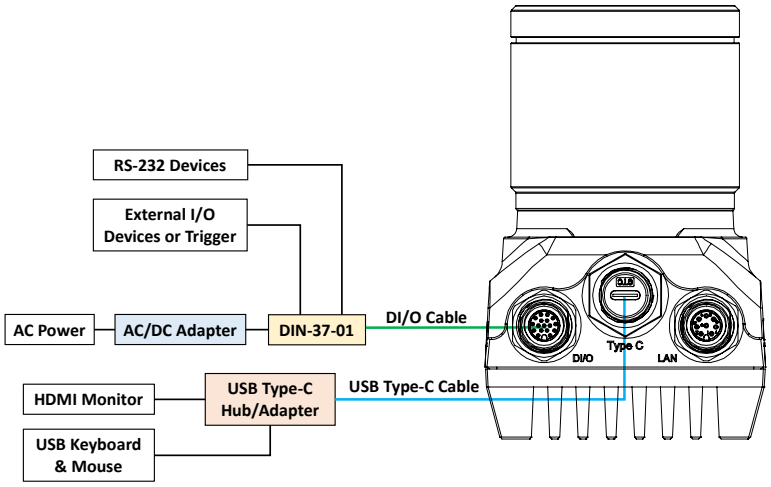
Note: Make sure the environment is clean and do not allow any dust to fall onto the image sensor during installation of the lens.

The NEON-2000-JT2-X supports a C-mount lens and comes preinstalled with the transfer ring and washer. The washer is used only with the NEON-202B-JT2-X. See the following illustration for details:

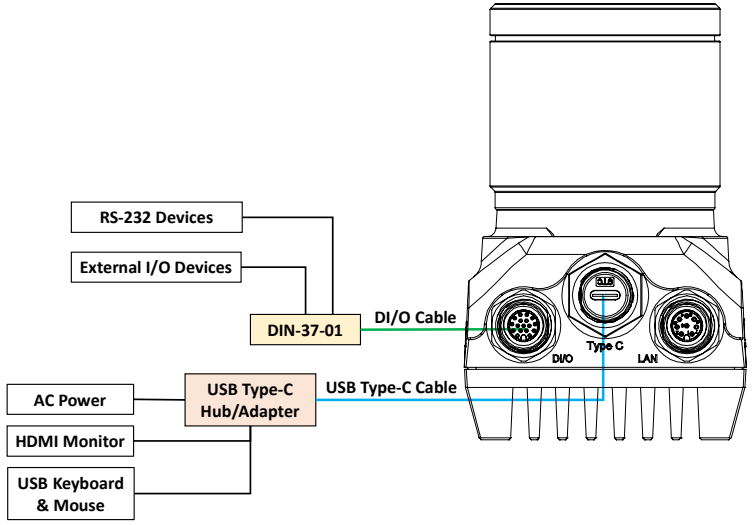


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Power and Peripheral Connections



Powered by AC/DC Adapter



Powered by USB Type-C Hub/Adapter

Features

- All-in-one, IP67-certified design reduces space requirements and minimizes cabling, compatibility, and reliability issues
- USB Type-C hub/adapter for easy cabling
- Extensive FPGA-based I/O designed for machine vision applications

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