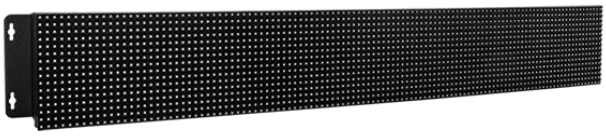
iKAN-116A-IP65/iKAN-124A-IP65 Quick Start

v2.1, November 2022

Packing List

In addition to this guide, the package includes the following items:



iKAN-116A-IP65/ iKAN-124A-IP65 LED Display

Wall Mounting Kit x 2

M4x6L Screw x 8

RJ-45 Connector x 2 **Waterproof Assembly**

CA-M12-02-A **Power Cable**

CA-039 **I/O Cable**

Screw Driver

Technical Support

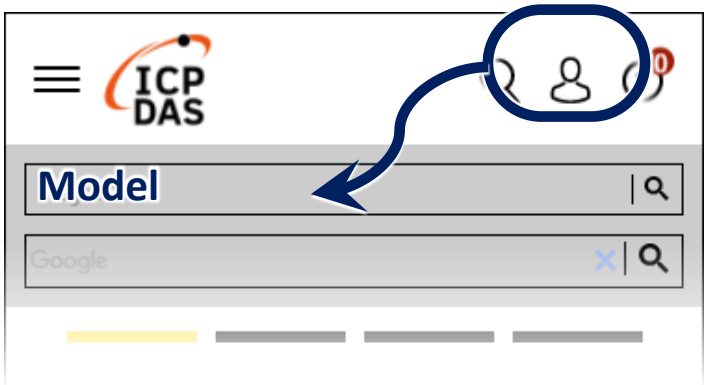
service@icpdas.com

www.icpdas.com

Resources

How to search for drivers, manuals and spec information on ICP DAS website.

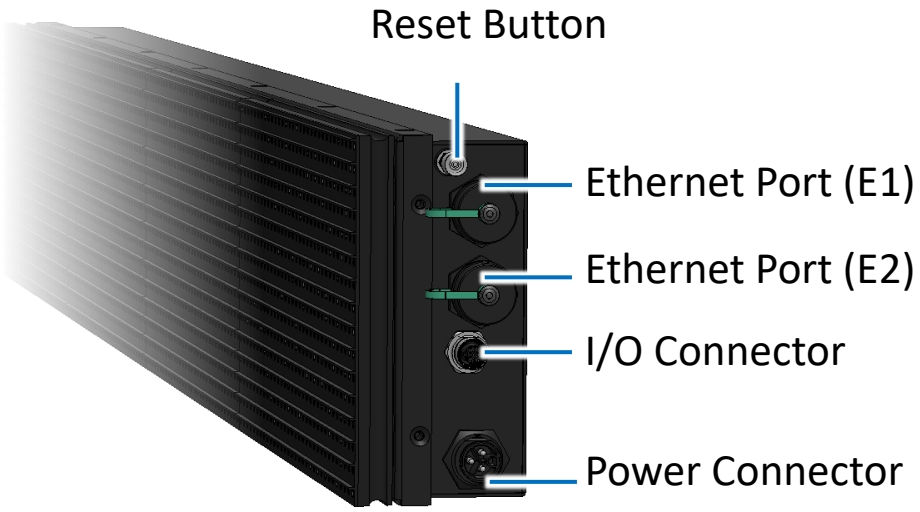
- For Mobile Web



Installation Guide

- For Desktop Web

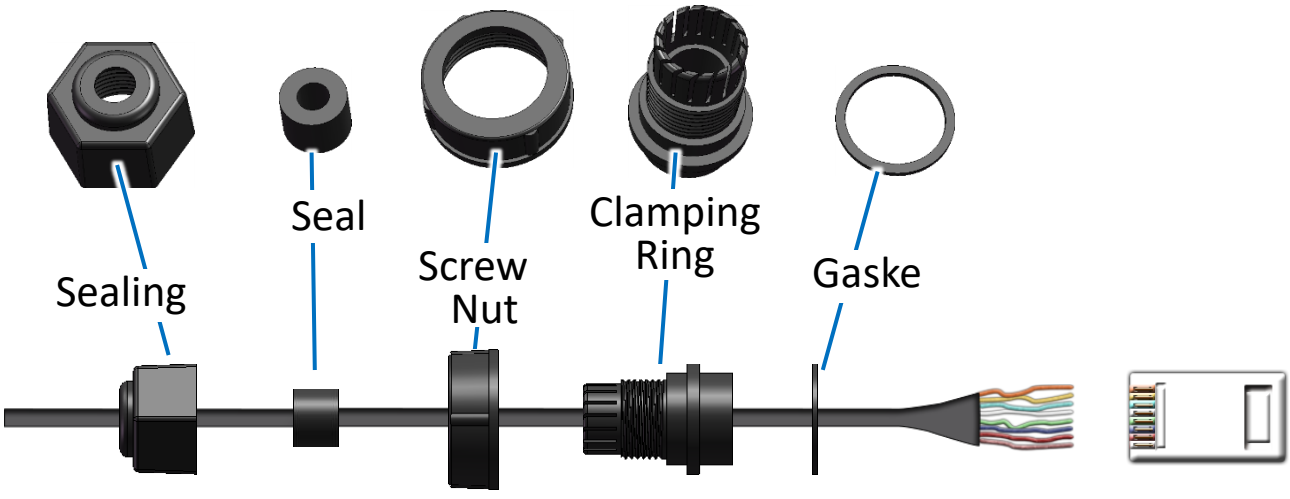
Overview



Installing the Waterproof Assembly

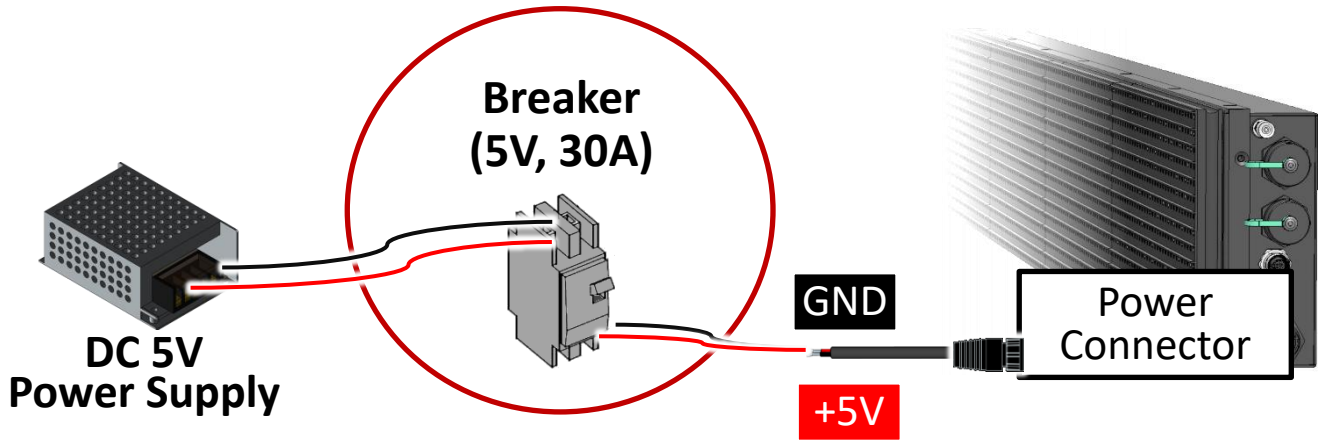
The waterproof Assembly can effectively protect the connection points from weather and climate. The iKAN-116A-IP65/iKAN-124A-IP65 LED display is equipped with two RJ-45 waterproof connectors that are optional for use with E1 and E2 port.

For more information on how to install the RJ-45 waterproof assembly, refer to the **RJ-45 Waterproof Installation Guide** on page 5.



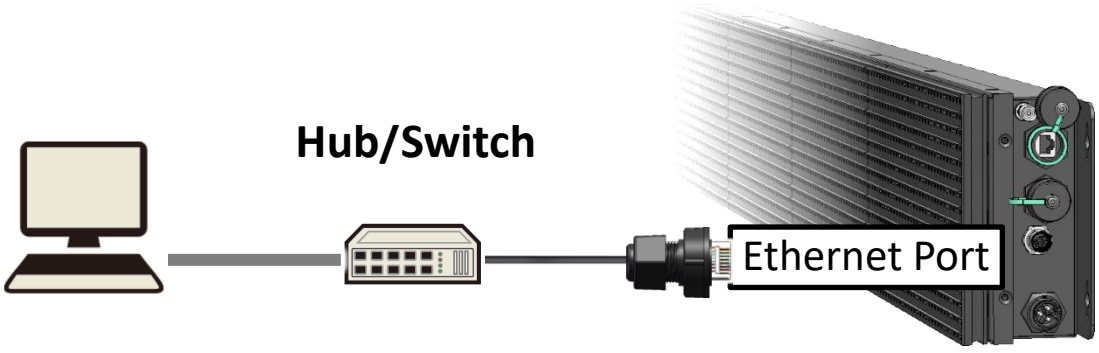
Connecting the Power Connector

The iKAN-116A-IP65/iKAN-124A-IP65 LED display is equipped with a power cable, to insert the power cable into the receptacle.
Here we recommend that you install a breaker (5V, 30A) between the DC power supply and the iKAN LED Display. Refer to the wiring diagram below for details.



Connecting the RJ-45 Connector

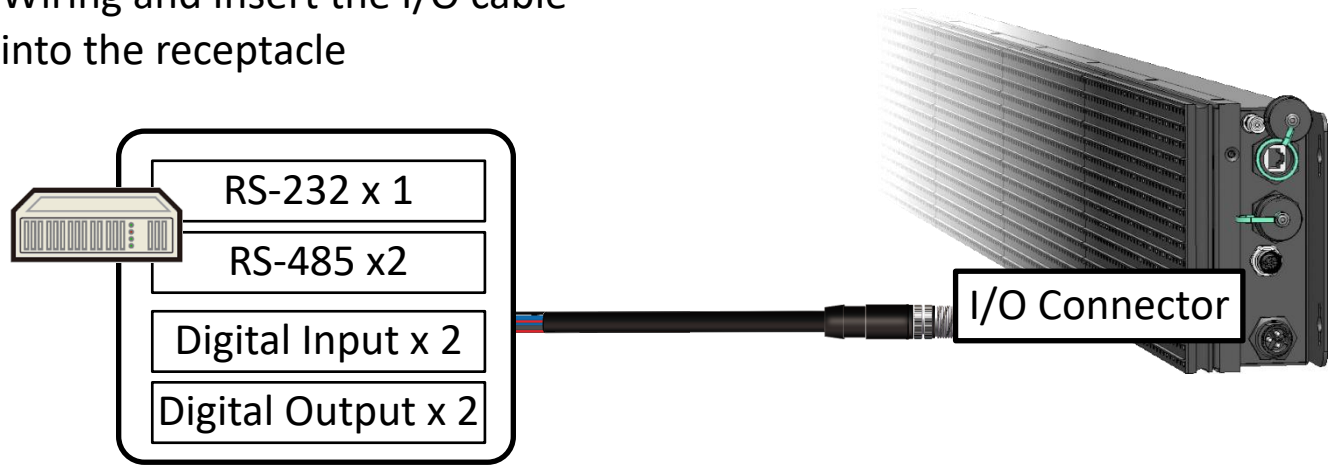
After installing the RJ-45 Ethernet waterproof connector, insert the Ethernet cable and screw the RJ-45 waterproof into the receptacle.



Installing, Wiring and Connecting the I/O Connector

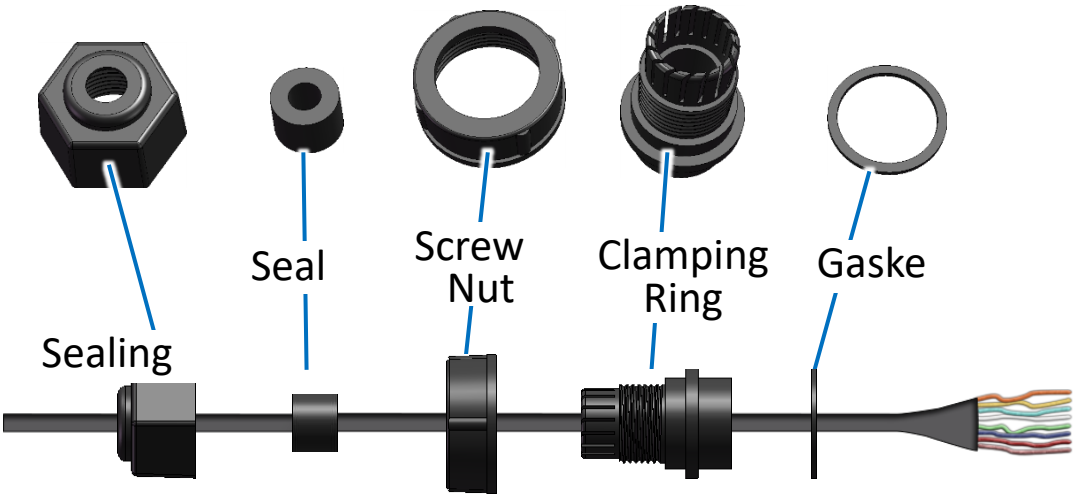
The iKAN-116A-IP65/iKAN-124A-IP65 LED display is equipped with an I/O cable that provides access to RS-232, RS-485 and digital I/O signals.

Wiring and Insert the I/O cable into the receptacle

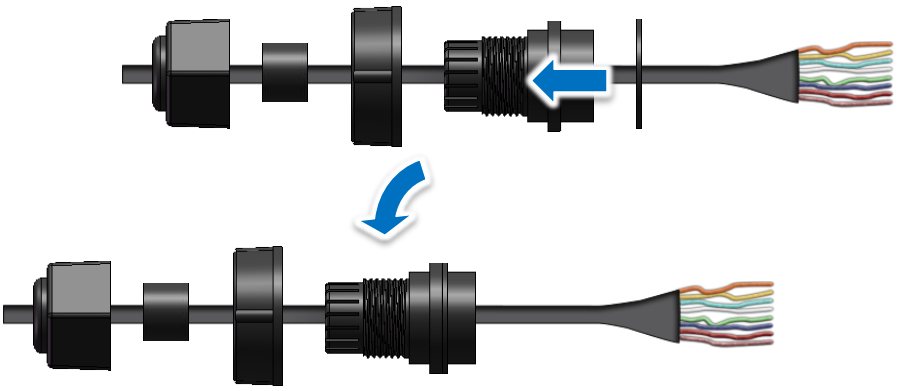


1. Remove the RJ-45 connector from the RJ-45 cable

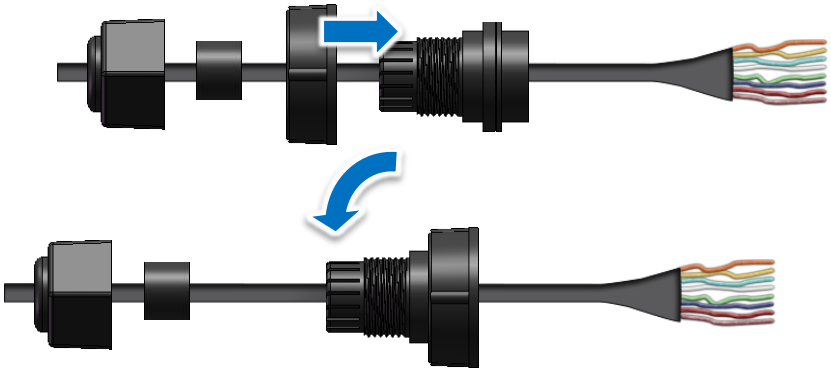
2. Feed the end of the RJ-45 cable through the **Sealing Nut**, **Seal**, **Screw Nut**, **Clamping Ring** and **Gasket**



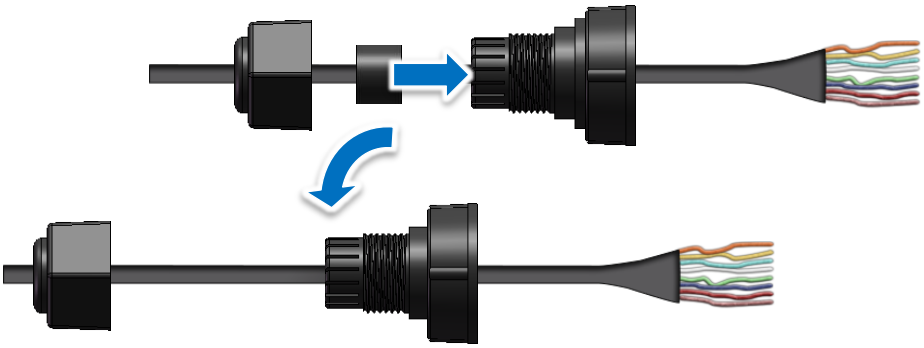
3. Wrap the **Gasket** around the **Clamping Ring**



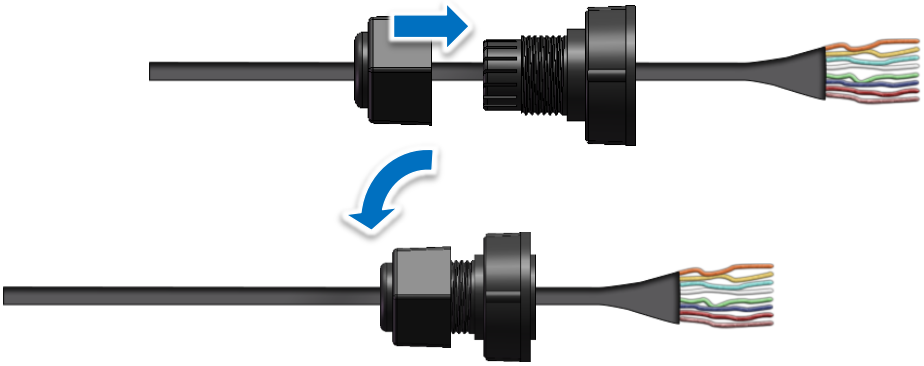
4. Wrap the **Screw Nut** around the **Clamping Ring**



5. Insert the **Seal** into the **Clamping Ring**



6. Push the **Sealing Nut** forward and Hand-tighten it to seal the assembly



7. Insert the RJ-45 cable into the RJ-45 connector