iKAN-208A-IP65/iKAN-216A-IP65/ iKAN-224A-IP65 Quick Start

v1.0, March 2025

Packing List

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

iKAN-208A-IP65/iKAN-216A-IP65/ iKAN-224A-IP65 LED Display

Wall Mounting Kit x 2

RJ-45 Connector x 2
Waterproof Assembly

CA-039
I/O Cable

M4x6L Screw x 12

Screw Driver

Technical Support

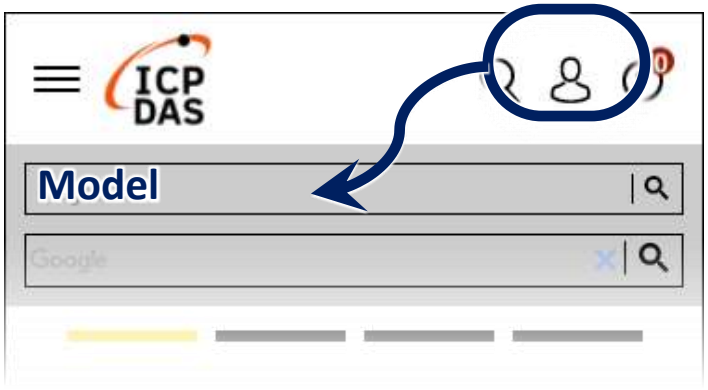
service@icpdas.com

www.icpdas.com

Resources

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

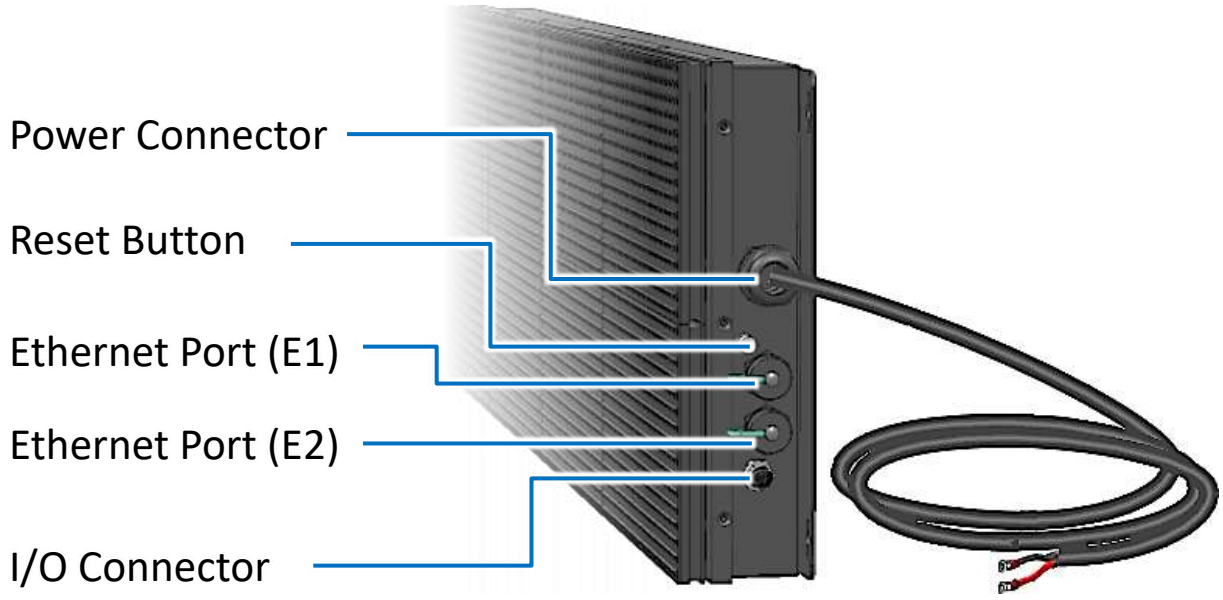
- For Mobile Web



Installation Guide

- For Desktop Web

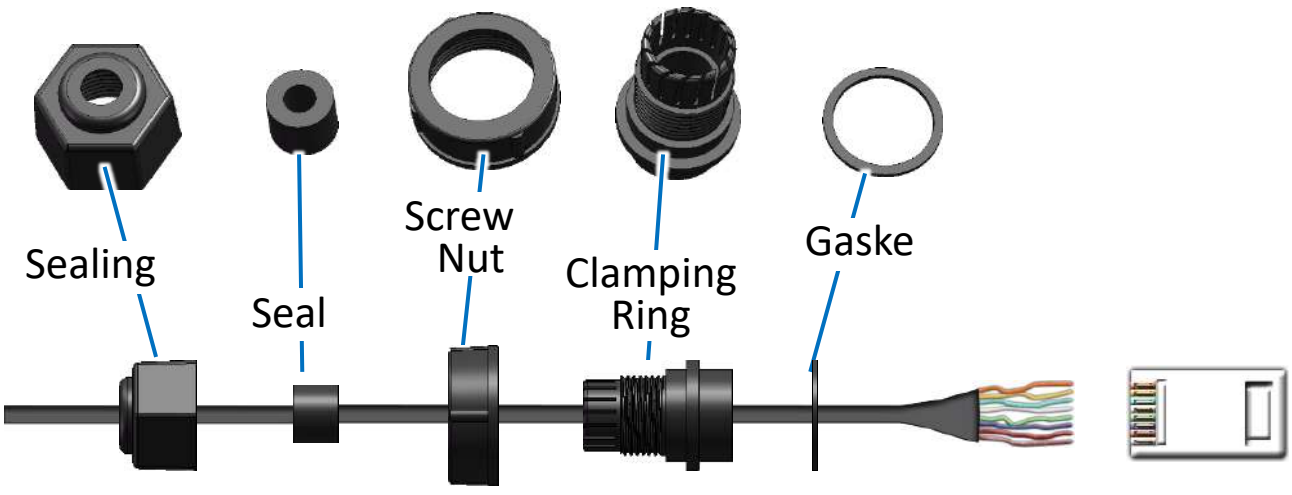
Overview



Installing the Waterproof Assembly

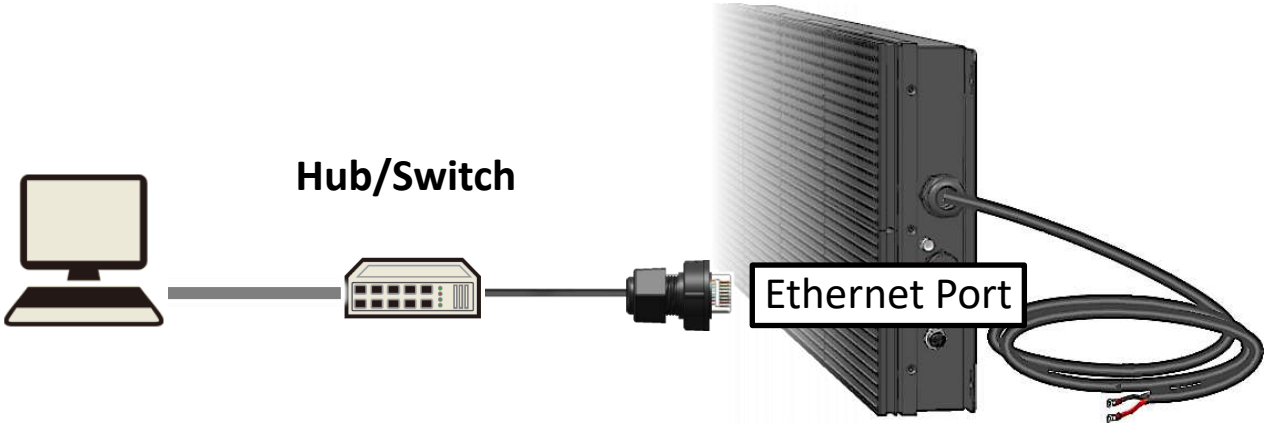
The iKAN-208A-IP65/iKAN-216A-IP65/iKAN-224A-IP65 LED display is equipped with two RJ-45 waterproof connectors that are optional for use with E1 and E2 port. It can effectively protect the connection points from weather and climate.

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



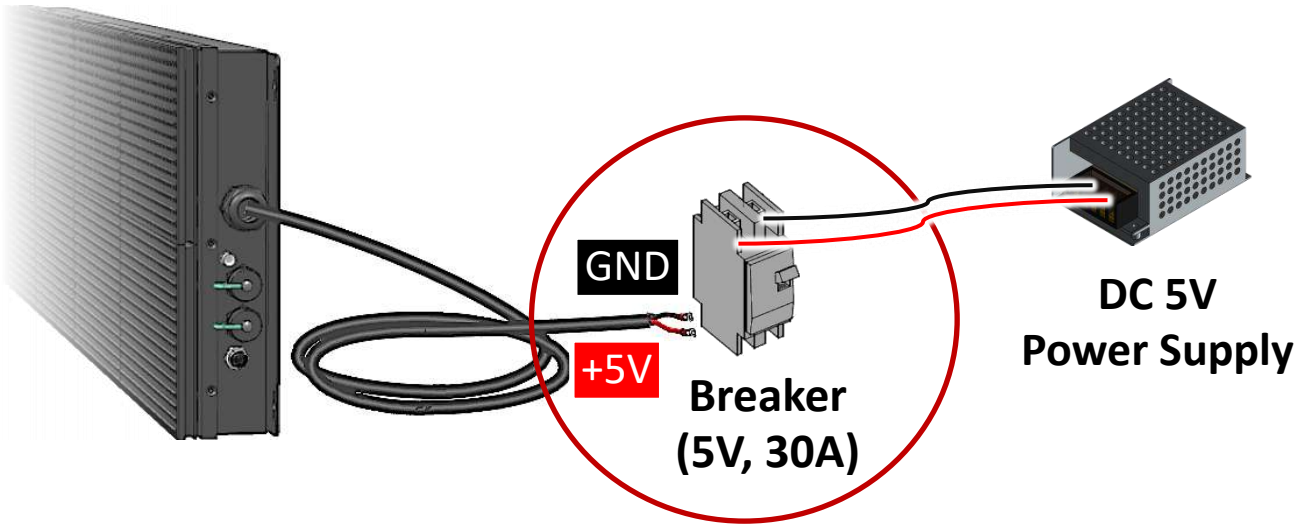
Connecting the RJ-45 Connector

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



Connecting the Power Connector

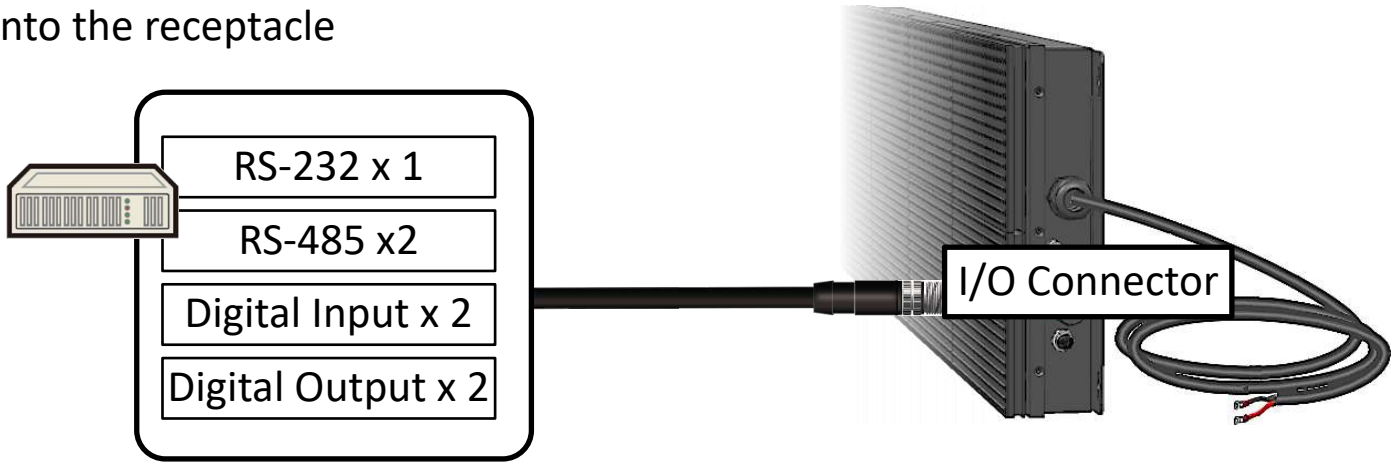
Here we recommend that you install a breaker (5V, 30A) between the DC power supply and the iKAN LED Display. Refer to the wiring diagram below for details.



Installing, Wiring and Connecting the I/O Connector

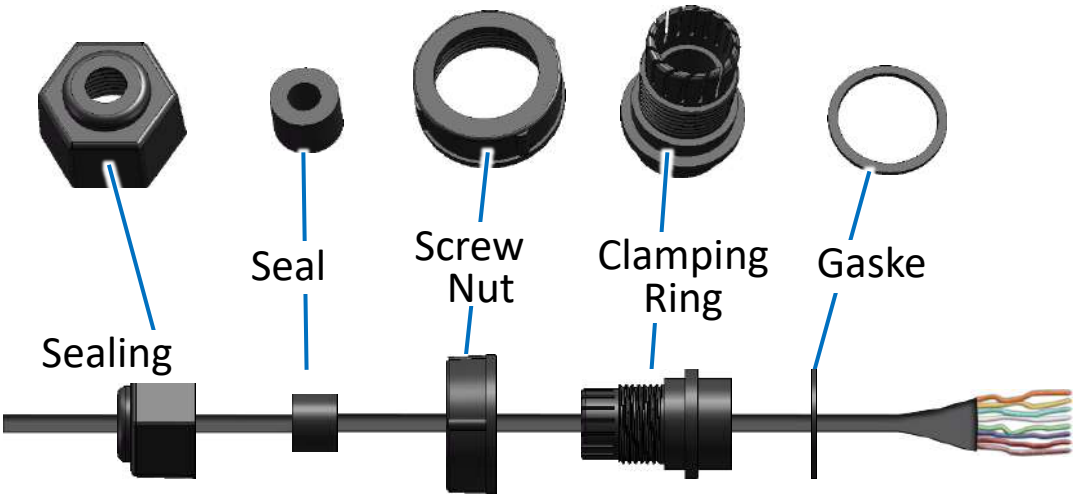
The iKAN LED display is equipped with an I/O cable that provides access to RS-232, RS-485 and digital I/O signals.

Wiring and Insert the I/O cable into the receptacle

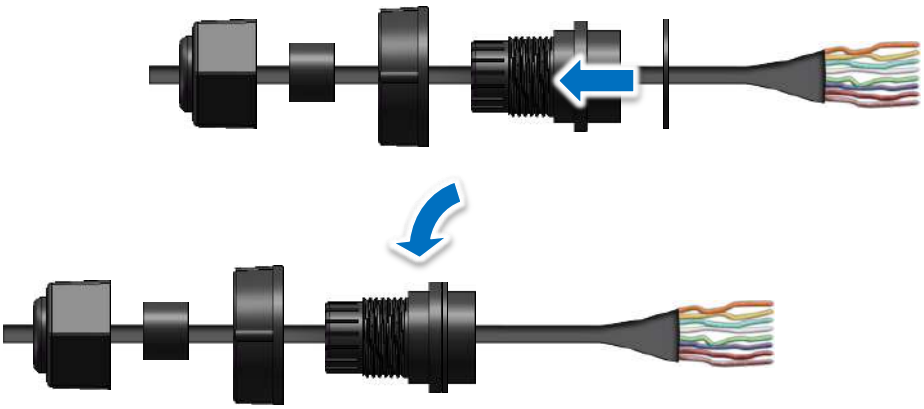


1. Remove the RJ-45 connector from the RJ-45 cable

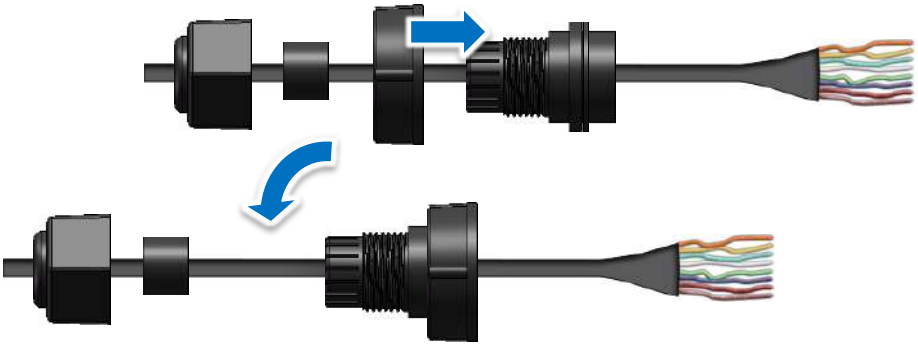
2. Feed the end of the RJ-45 cable through the **Sealing Nut**, **Seal**, **Screw Nut**, **Clamping Ring** and **Gasket**



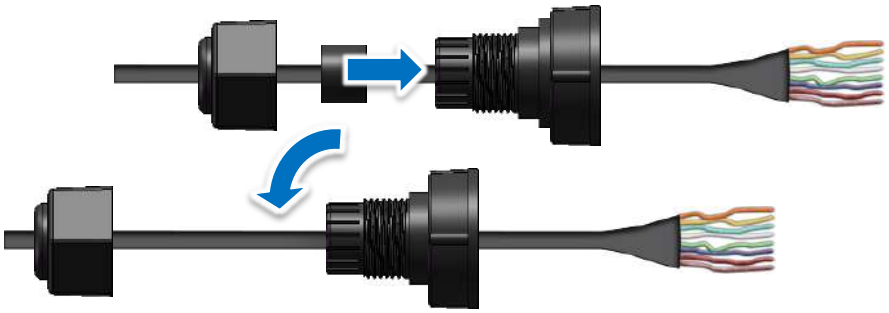
3. Wrap the **Gasket** around the **Clamping Ring**



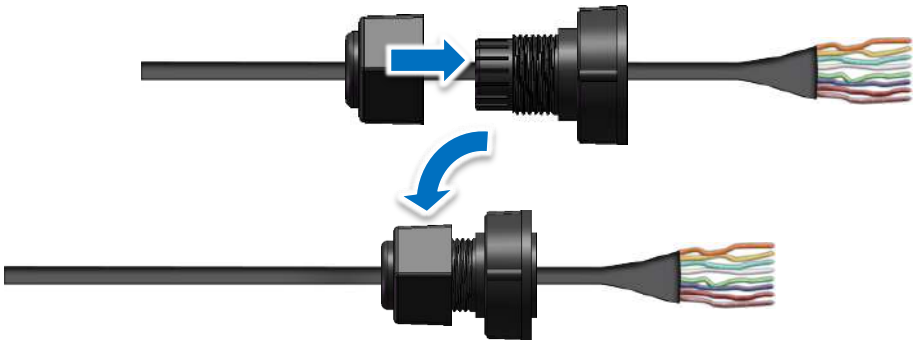
4. Wrap the **Screw Nut** around the **Clamping Ring**



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