

DATASHEET

EtherNet/IP™ to DH+ Gateway AN-X4-AB-DHRIO

The AN-X4-AB-DHRIO Gateway is designed to help customers initiate a phased migration approach to replacing or upgrading legacy PLC's, HMI's, Drives, or Flex I/O adapters.

These solutions can be achieved by selecting the corresponding operating mode during initial configuration. The AN-X4-AB-DHRIO has a built-in webserver to view diagnostics, current configuration, upload configuration files, and set the operating mode. It is also DIN Rail Mountable.



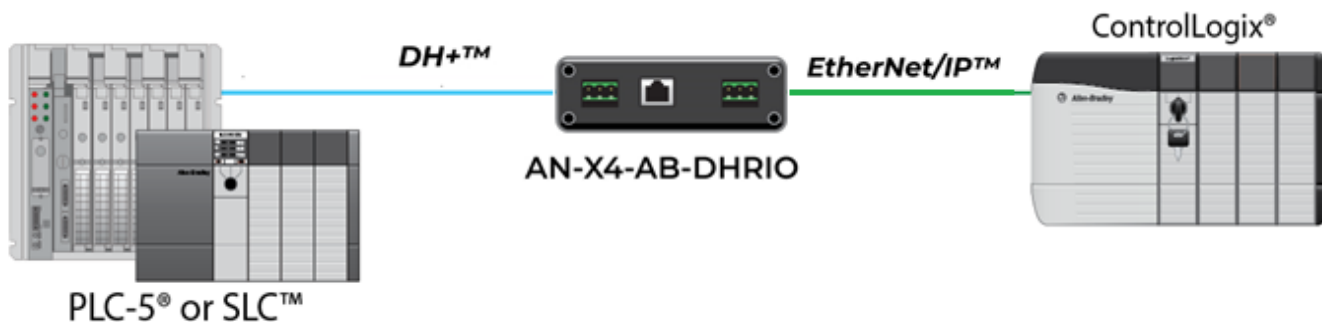
DH+

Engineering Terminal



This operating mode acts as a bridge between an EtherNet/IP and a DH+ network.

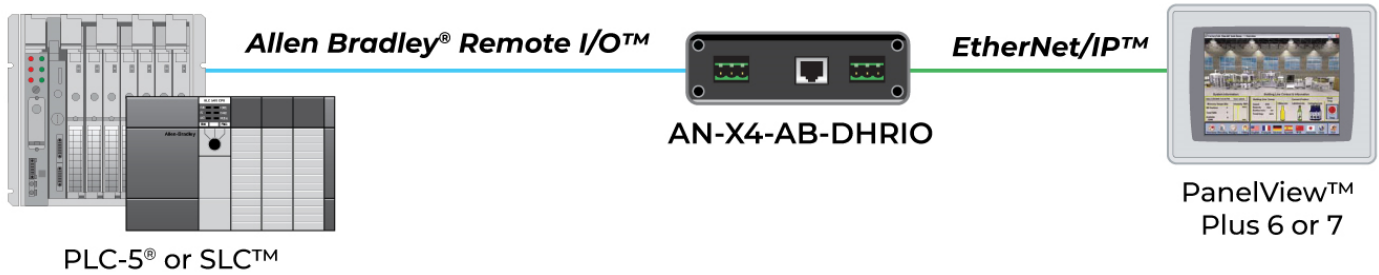
- Programming terminals, and/or processors on an EtherNet/IP network can access legacy processors on a DH+ network
- Download to a PLC5 or SLC through RSLinx
- Configured through web browser
- Supports all DH+ baud rates (57.6, 115.2, and 230.4 K baud)



This operating mode helps the communication between an Ethernet-based processor with legacy processors on a DH+ network.

- Supports gathering data without changing existing PLC or SLC hardware

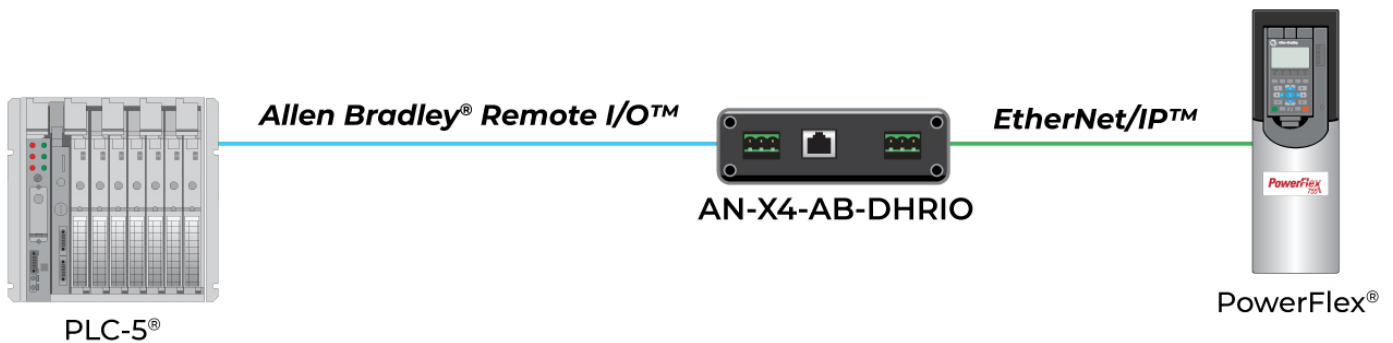
HMI



This operating mode allows legacy PanelViews to be upgraded to a PanelView Plus 6 or PanelView Plus 7 via EtherNet/IP.

- No changes to PLC code required
- Supports up to 8 PanelViews on the same network

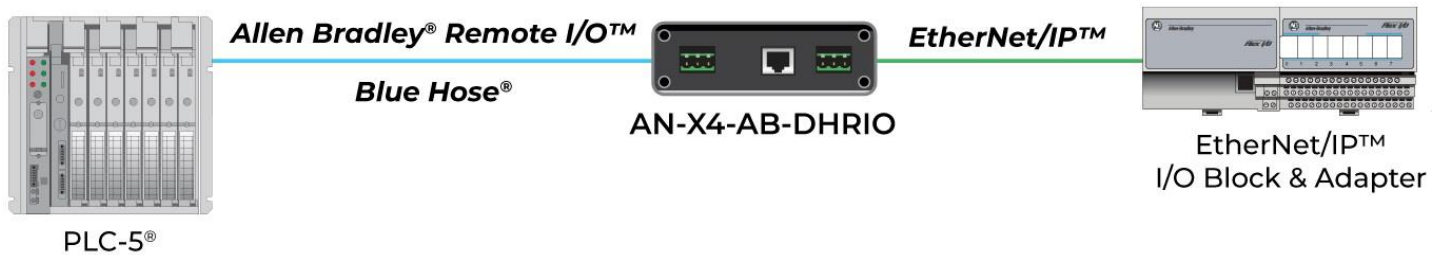
Drive



This operating mode supports upgrading legacy Allen Bradley drives on Remote I/O to new EtherNet/IP-enabled drives.

- No changes to PLC code required
- Supports up to 4 EtherNet/IP drives
- Configurable with ¼, ½, and full rack addressing
- Supports all PowerFlex drives on EtherNet/IP

Flex I/O Scanner



This operating mode allows PLC's on Remote I/O to connect to and control 1794-AENT EtherNet/IP Flex adapters.

- Designed to replace obsolete 1794-ASB adapters
- Supports up to 16 EtherNet/IP connections
- Each adapter and rack of discrete counts as a single connection. Each analog module counts as a single connection.

Hardware Specifications

Specification	Description
Ports	1 RJ45 10/100 Mbps Ethernet port 1 Phoenix 3-pin power connector 1 Phoenix 3-pin connector network connector
Typical Power Consumption	240 mA @ 12 Vdc or 120 mA @ 24 Vdc
Maximum Power Dissipation	2.9 W
Operating Temp	32°F to 122°F (0 °C to 50 °C)
Storage Temperature	-40°F to 185°F (-40 °C to 85 °C)
Dimensions	107 x 98 x 34 mm (4.18 x 3.86 x 1.33 in) Not including connectors
Humidity	5% to 95% RH, with no condensation

Agency Approvals and Certifications

Please visit our website: www.prosoft-technology.com



Where Automation
Connects™

Ordering Information

To order this product, please use the following:

EtherNet/IP™ to DH+
Gateway

AN-X4-AB-DHRIO

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to:

www.prosoft-technology.com
and select *Where to Buy* from the menu.

Copyright © 2023 ProSoft Technology, Inc.
All Rights Reserved. July 27, 2023
For Public Use.

Specifications subject to change without notice.