

## AN-X3-PB Profibus DP Ethernet UDP Gateway

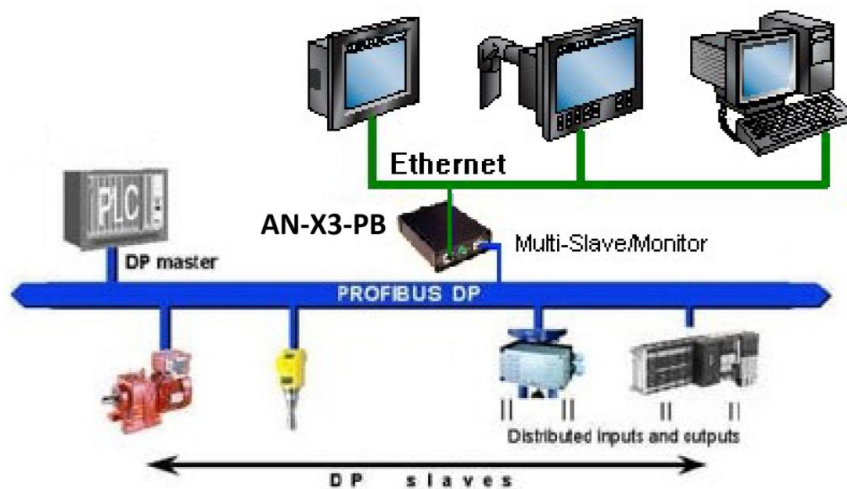
The AN-X3-PB acts as a gateway between a PROFIBUS DP network and an Ethernet network using cyclic UDP messages. The AN-X3-PB has a web interface for configuration of PROFIBUS and Ethernet properties. The AN-X3-PBS connects a PC or other device to a PROFIBUS network.

### PROFIBUS DP

- Acts as one or more Active DP Slave Nodes, up to a total of 125.
- Monitors the I/O data from all other DP Slave Nodes on the network.
- Maintains PROFIBUS DP Slave Node List.
- Maintains PROFIBUS Diagnostic Counters.
- Supports baud rates of 9600bps to 12 Mbps.

### Ethernet UDP

- Supports up to 16 UDP Send blocks and up to 16 UDP Receive blocks.
- Each block supports a standard frame size (MTU) of up to 1500 bytes.
- With Ethernet, IP, UDP and QTS overhead, there are 1448 bytes or 362 DWORDS (32 bits) available to map PROFIBUS diagnostics and data.
- Both Unicast and Multicast frames are supported.



## Features

- ❖ Configures through a web browser (No special configuration software required).
- ❖ Customizable configuration files provide additional flexibility.
- ❖ Supports offline configuration through a .CSV file.
- ❖ View diagnostics with a web browser enabling remote monitoring and troubleshooting.

## Hardware Specifications

Specification	Description
Maximum Power Consumption	160 mA at 12 VDC, 80 mA at 24 VDC
Maximum Power dissipation	2 Watts
Operational Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)
Relative Humidity	5 to 85% without condensation

## Hardware Features

- Ethernet RJ45 connector
- 9-pin D Shell connector to connect to the PROFIBUS network
- 3-pin Phoenix power connector
- microSD card for storage of configuration data and firmware

## Agency Approvals & Certifications

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Profibus DP Ethernet UDP Gateway

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