

# TSW212 Ethernet/IP

[Main Page](#) > [TSW Switches](#) > [TSW212](#) > [TSW212 Manual](#) > [TSW212 WebUI](#) > [TSW212 Services section](#) > **TSW212 Ethernet/IP**

The information in this page is updated in accordance with firmware version .



## Contents

- [1 Summary](#)
- [2 Ethernet/IP Configuration](#)

## Summary

The **Ethernet/IP** is an industrial network protocol that adapts the Common Industrial Protocol (CIP) to standard Ethernet. EtherNet/IP uses both of the most widely deployed collections of Ethernet standards -the Internet Protocol suite and IEEE 802.3 - to define the features and functions for its transport, network, data link and physical layers. EtherNet/IP performs at level session and above (level 5, 6 and 7) of the OSI model. CIP uses its object-oriented design to provide EtherNet/IP with the services and device profiles needed for real-time control applications and to promote consistent implementation of automation functions across a diverse ecosystem of products.

## Ethernet/IP Configuration

The **Ethernet/IP Configuration** section is used to enable Ethernet/IP service and download TSW switch profile (EDS).



Field	Value	Description
Enable	off   on; default: <b>off</b>	Enables Ethernet/IP service.
EDS file	-(interactive) button	Electronic Data Sheet file.