

OCTOPUS OS24/34

TAILOR-MADE POE+ GIGABIT SWITCHES



Designed to extend power sourcing capabilities with **new PoE+ functionalities**, especially in transportation applications.



Available with **a variety of configurable features** to meet specific customer needs, including copper or fiber port options.



Provides **power supply choices for multiple input ranges**, including 24 to 110 Volts DC and 110 to 230 Volts AC.

Hardware

- Port counts of up to 28, fiber or copper port options
- Certified for railway vehicles and lines, trains, ships and for use in road vehicles
- IP65 and IP67 ratings offer broad immunity against dust, water and vibrations
- Operates at -40 °C to +70 °C

Software

- **Management:** Web interface, command line interface, Industrial HiVision
- **Diagnostic:** Local LEDs, extended system information and conflict detection
- **Configuration:** Auto configuration adapter, command line, Web interface
- **Security:** MAC-based port security, access control, user management
- **Redundancy:** Multiple redundancy mechanisms such as MRP, PRP, HSR and relay
- **Filter:** Quality of Service (QoS), port and MAC based VLAN, IGMP snooping per VLAN



This next generation OCTOPUS switches from Hirschmann extend power sourcing capabilities through new Power over Ethernet Plus (PoE+) functionalities.

Be certain.
Belden.



HIRSCHMANN

A **BELDEN** BRAND

OCTOPUS OS24/34

TAILOR-MADE POE+ GIGABIT SWITCHES



Your Benefits

Customizable Solution for Optimizing Power

With new PoE+ features delivered by the OCTOPUS OS24/34, engineers don't need additional cabling to supply power to end devices, and can reduce space and weight by connecting PoE+ powered devices directly to the switch.

Application-defined Performance

The switch's open ordering system allows engineers to choose tailor-made and customizable hardware and software options to meet specific application requirements. Various options are available for port quantity and type, and switching or routing software. Redundancy mechanisms are also available.

Features

These switches offer customers customizable hardware and software options, including fiber or copper ports, up to 28 port counts, and power supply for multiple input voltage ranges, from 24 to 110 V DC and 100 to 230 V AC. With IP65 and IP67 ratings, the switches meet the requirements of routing functions in waterproof and dust-tight housings for mounting outside of cabinets, and operates at temperatures ranging from -40 °C to +70 °C.

Customers

The OCTOPUS OS24/34 is ideal for control, specifying, design and process engineers, system integrators, contractors and installers, who need a tailor-made PoE+ switch that will extend power sourcing capabilities for harsh industrial settings.

Applications

- Fast, reliable transmission of rising data
- Various transportation settings, specifically railway lines, trains and ships
- Exposure to high vibrations, dust and electrostatic discharge

Markets

Transportation, automotive, machine building and manufacturing settings



This customizable PoE+ Gigabit switches ensure the optimization of power for reliable and robust data communication, cost savings and application-defined performance.

Phone: **1-855-400-9071**

For more information, visit us at www.belden.com and follow us on Twitter @BeldenInc.

©Copyright 2015, Belden Inc.

OCTOPUS OS24-34_INIT_HIR_1115_A_AG

Belden, Belden Sending All The Right Signals, GarrettCom, Hirschmann, Tofino Security and the Belden logo are trademarks or registered trademarks of Belden Inc. or its affiliated companies in the United States and other jurisdictions. Belden and other parties may also have trademark rights in other terms used herein.