EDGE SWITCHES

ONS-C401i / ONS-C810p / ONS-C801pi / ONS-C1601pi / ONS-C2401p / ONS-C4801p

OPTIGO NETWORKS

A complete family of intelligent switches for a flexible and efficient building network

Optigo Networks unites IT and OT with a networking solution that bridges the gap. Our Edge Switches can build on an existing IT infrastructure, or provide a future-ready OT system. Combined with an intuitive management interface and simplified port security, our Edge Switches are perfectly suited to any OT network.

Optigo's Edge Switches provide the perfect solution to build powerful, fully-managed OT networks. They support a wide array of applications, with industrial- and commercial-grade models, support for PoE, and a variety of port configurations.

Edge Switches provide a building network to match the footprint of any smart building. This creates an efficient and flexible network, with centralized management and simplified port security. Save hours of troubleshooting and service time, and never use the CLI on an individual switch again.

The Optigo Networks Edge Switch family ensures the OT network fits traditional IT networking configurations, and is capable of sitting alongside other OT devices.

Optigo Connect Edge Switches

Rack-mounted

The rack-mounted switches are perfect for building a converged OT network using existing IT infrastructure (closet, rack, power, cooling). These Gigabit Ethernet switches come with an internal power supply, and support PoE and network management.

C810p, C2401p, C4801p

DIN-mounted industrial

The industrial switches bring the OT network right to the devices. These switches can be DIN rail mounted in a cabinet or panel alongside building automation, security, and IoT devices. They can share power supplies with other devices, and support redundant power supplies. The industrial nature of these switches means they are capable of withstanding more environmental variations than a standard switch.
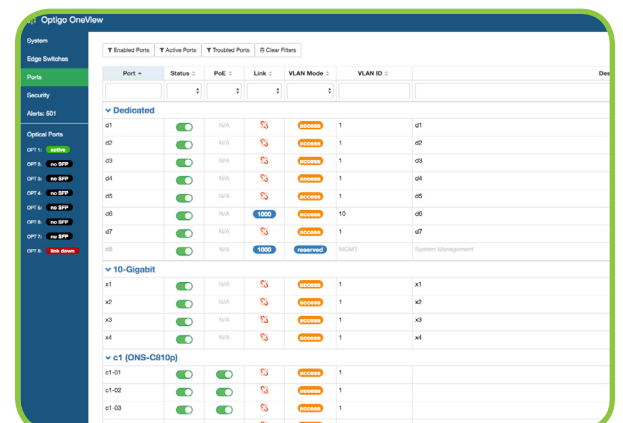
C401i, C801pi, C1601pi

Product highlights

- **A versatile selection** of Edge Switches. With various sizes and mounting options, there is one for every application.
- **Flexible uplink architecture** to match the footprint of any smart building.
- **Save space and cable costs** with efficient and flexible network topologies.
- **Centrally manage PoE & VLAN** settings with Optigo's OneView™ Dashboard.
- **Supports all protocols** in use for security, building automation, and IoT.

Product Specifications

	ONS-C401i	ONS-C810p	ONS-C801pi	ONS-C1601pi	ONS-C2401p	ONS-C4801p
PORTS AND PHYSICAL CHARACTERISTICS						
RJ45 PORTS (MBPS)	4 × 10/100	8 × 10/100/1000	8 × 10/100	16 × 10/100	24 × 10/100/1000	48 × 10/100/1000
SFP/UPLINK PORTS	2 × SFP, 100/1000		4 × SFP, 100/1000			
POE SPEC	N/A	802.3at and 802.3af				
POE BUDGET	N/A	130W	240W	240W	370W	740W
UNIT POWER	12-48 VDC, 10W	100-240 VAC, 155W	Dual 48 VDC, 360W	Dual 48 VDC, 360W	100-240 VAC, 550W	100-240 VAC, 900W
POWER SUPPLY	Sold separately	Internal	Sold separately, supports 1 or 2 (for redundancy)		Internal	Internal
OPERATING TEMPERATURE	−10°C ~ 60°C (14°F ~ 140°F)	0°C ~ 50°C (32°F ~ 122°F)	−40°C ~ 75°C (−40°F ~ 167°F)	−20°C ~ 60°C (−4°F ~ 140°F)	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 50°C (32°F ~ 122°F)
DIMENSIONS	43 × 93 × 130 mm 1.7" × 3.7" × 5.1"	330 × 229 × 44 mm 13.0" × 9.0" × 1.7"	74 × 105 × 152 mm 2.9" × 4.1" × 6.0"	74 × 135 × 152 mm 2.9" × 5.3" × 6.0"	440 × 310 × 44 mm 18" × 12" × 1.7"	440 × 410 × 44 mm 18" × 16" × 1.7"
WEIGHT	0.45 kg (1.0 lb)	1.9 kg (4.4 lb)	0.9 kg (2.0 lb)	1.2 kg (2.6 lb)	4.7 kg (10.5 lb)	6.4 kg (14.2 lb)
MOUNTING	DIN	Rack	DIN	DIN	Rack	Rack
CERTIFICATIONS	UL, CE, RoHS, FCC	UL, CE, RoHS, FCC, RCM	CE, RoHS, FCC	CE, RoHS, FCC	UL, CE, C-TICK, RoHS, FCC	UL, CE, RCM, RoHS, FCC
WARRANTY	5 years	3 years	5 years	5 years	3 years	3 years
NETWORKING FEATURES						
SWITCHING	4.8 Gbps	24 Gbps	9.6 Gbps	11.2 Gbps	56 Gbps	104 Gbps
LOOP DETECTION	IEEE 802.1w RSTP					
VLAN	IEEE 802.1q VLAN Up to 4K– Configurable per port in Trunk or Access mode					
MAC ADDRESS AUTHORIZATION	127 per switch 127 per port	256 per switch 127 per port	56 per switch 7 per port	112 per switch 7 per port	256 per switch 127 per port	256 per switch 127 per port
SFP REQUIREMENT	ONS-CX-SFP	ONS-CX-SFP	ONS-CX-SFP	ONS-CX-SFP	ONS-CX-SFP	ONS-CX-SFPs
STANDALONE CAPABLE	Yes	Yes	Yes	No	No	No
PACKET BUFFER SIZE	4.1MB	512KB	1MB	1MB	512KB	1.5MB

OPTiGO NETWORKS

For more information and to order:
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