SCP1205 L2 10-ports CCTV POE Din-Rail Hardened Unmanaged FE Ethernet Switch

5-ports Switch 4 - ports 10/100BASE-T (RJ-45) PoE (802.3af/at) and one 10/100Base-T ports with DC:48V for extreme temperatures operation -30 to 70°C.

Product Description:

The OPTICAL SNS SCP1205 is Part of the successful DaVincy family of hardened Din-Rail CCTV and Industrial POE Ethernet Switches. The DaVinci SX1213 is a line of high-class rugged switches that provide high availability and designed for hard environments to enhance the operation of the network. The DaVinci SX1213 Series of Switches enhances any network performance by providing 10/100/1000 Mbps communication over existing Category 5/6 copper cabling as well as High Speed fiber-optic connectivity to the backbone through Small Form-Factor Pluggable (SFP) optical transceivers. The DaVinci SX1213 Series Switches are in a compact size Din-Rail form factor, it is ideal for robust outdoor application like video surveillance / FTTx and Wi-Fi coverage in critical environments. The switches provide a rich and versatile selection of Gigabit and Fast Ethernet port density. The DaVinci SX1213 Series provide a rugged enclosure designed to support high level EMC capability. The compact size, the Din-Rail form factor and the space-saving provide unique solution for installers and easy deployment.

The IEEE 802.3af/at Power over Ethernet (POE) capabilities enable to power devices such as IP phones, wireless access points, network cameras, security and lighting devices, and access control devices. The SCP1205 CCTV POE Hardened Din-Rail Unmanaged FE Ethernet Switch 4 - ports 10/100BASE-T (RJ-45)

PoE (802.3af/at) and one 10/100Base-T ports with DC:48V for extreme temperatures operation -30 to 70°C.

Ease of Use

The OPTICAL SNS SCP1205 is truly a Plug-&-Play switch. The switch operates straight out of the box, with no configuration required. Auto MDI/MDIX ports identify and adapt to the Ethernet cable type, eliminating the most common cabling errors and simplifying installation. The SCP1205 includes many useful features listed below:

Auto Speed Sensing.

The Switch senses whether a network device is running at 10Mbps or 100Mbps and automatically adjusts for optimal performance.

Auto Negotiation (Full or Half Duplex).

Whether you are running at Half- or in Full-Duplex, the Switch automatically negotiates and runs the highest supported transmission rate.

Auto MDI/MDIX Crossover.

All ports support auto-negotiating MDI/MDIX detection, which eliminates the need for crossover cables or uplink ports. The SCP1205 is the perfect choice for Plug-&-Play support for 10BASE-T and 100BASE-T networks.

Wire-speed Performance

The SCP1205 features a non-blocking wire-speed architecture, with a 1 Gbps switching capacity, for maximum data throughput. The OPTICAL SNS SCP1205 also features an integrated per port diagnostics LEDs that make it easy to "spot check" for problems. With wire-speed filtering and Store-and-Forward switching, the SCP1205 maximizes network performance while minimizing the propagation of bad network packets.

Exceptional Value

Each SCP1205 is backed by a limited 5-year warranty on the electronics (3 year limited warranty for fans/power supplies) by combining ease of use, unsurpassed 10/100BASE-T switching performance, and world-class support, the SCP1205 raises the price-performance bar for unmanaged Layer 2 switching.

Features and Benefits

L2 Features	
MAC Table	2K
Packet Buffer	1M
Switching Capacity	1Gbps
Switching Delay	<4us
Concurrent PoE ports	4PoE/2PoE+
Power	Power Input: 48VDC
	Overload Protection: Support
Environmental Limits	Operating/Storage Temperature: -30 to 70°C (-22 to 158°F)
	Ambient Relative Humidity: 5 to 95% (non-condensing)
MTBF	357,000 HRs
Warranty	5 years
Approvals	CE, FCC
Industrial Level Protection	ESD: ±8kV
	Level 3 EMC
Physical	Housing: Metal, Fanless
Dimensions (W×H×D)	118*25*90
Weight	0.25kg

Members of the DaVinci SX1213 family are:

SC1213 Series:

- **SC1205:**Hardened Din-Rail CCTV Unmanaged FE Ethernet Switch 5 - ports 10/100BASE-T (RJ-45) with DC:12/24/36/48V for extreme temperatures operation -30 to 70°C
- **SC1208:**Hardened Din-Rail CCTV Unmanaged FE Ethernet Switch 8 - ports 10/100BASE-T (RJ-45) with DC:12/24/36/48V for extreme temperatures operation -30 to 70°C
- **SC1305**: Hardened Din-Rail CCTV Unmanaged GE Ethernet Switch 5 - ports 10/100/1000BASE-T (RJ-45) with DC:12/24/36/48V for extreme temperatures operation -30 to 70°C
- **SC1305-1C:**Hardened Din-Rail CCTV Unmanaged GE Ethernet Switch 4 - ports 10/100/1000BASE-T (RJ-45) and one Combo Gigabit ports each comprised of a RJ-45 and a SFP for uplink with DC:12/24/36/48V for extreme temperatures operation -30 to 70°C
- **SC1310-2C**:Hardened Din-Rail CCTV Unmanaged GE Ethernet Switch 8 - ports 10/100/1000BASE-T (RJ-45) and two Combo Gigabit ports each comprised of a RJ-45 and a SFP for uplink with DC:12/24/36/48V for extreme temperatures operation -30 to 70°C

SCP1213 Series:

- **SCP1205:**Hardened Din-Rail CCTV Unmanaged FE Ethernet Switch 4 - ports 10/100BASE-T (RJ-45) PoE (802.3af/at) and one 10/100Base-T ports with DC:48V for extreme temperatures operation -30 to 70°C
- **SCP1210-1C:**Hardened Din-Rail CCTV Unmanaged FE Ethernet Switch 8 - ports 10/100BASE-T (RJ-45) PoE (802.3af/at) and one Gigabit port SFP for uplink with DC:48V for extreme temperatures operation -30 to 70°C
- **SCP1305:**Hardened Din-Rail CCTV Unmanaged GE Ethernet Switch 4 - ports 10/100/1000BASE-T (RJ-45) PoE (802.3af/at), one 10/100/1000Base-T ports for uplink with DC:48V for extreme temperatures operation -30 to 70°C
- **SCP1305-1C:**Hardened Din-Rail CCTV Unmanaged GE Ethernet Switch 4 - ports 10/100/1000BASE-T (RJ-45) PoE (802.3af/at) and one Combo Gigabit ports each comprised of a RJ-45 and a SFP uplink with DC:48V for extreme temperatures operation -30 to 70°C
- **SCP1310-2C:**Hardened Din-Rail CCTV Unmanaged GE Ethernet Switch 8 - ports 10/100/1000BASE-T (RJ-45) PoE (802.3af/at) and two Combo Gigabit ports each comprised of a RJ-45 and a SFP uplink with DC:48V for extreme temperatures operation -30 to 70°C

SI1213 Series

- **SI1205:**Hardened Din-Rail industrial Unmanaged FE Ethernet Switch 5-ports 10/100BASE-T (RJ-45) with DC:12/24/36/48V for extreme temperatures operation -40 to 85°C
- **SI1208:**Hardened Din-Rail industrial Unmanaged FE Ethernet Switch 8 - ports 10/100BASE-T (RJ-45) with DC:12/24/36/48V for extreme temperatures operation -40 to 85°C
- **SI1303-1X**:Hardened Din-Rail industrial Unmanaged GE Ethernet Switch 2 - ports 10/100/1000BASE-T (RJ-45) and one 1000Base-X ports for uplink with DC:12/24/36/48V for extreme temperatures operation -40 to 85°C
- **SI1305:** Hardened Din-Rail industrial Unmanaged GE Ethernet Switch 5 - ports 10/100/1000BASE-T (RJ-45) with DC:12/24/36/48V for extreme temperatures operation -40 to 85°C
- **SI1305-1C**: Hardened Din-Rail industrial Unmanaged GE Ethernet Switch 4 - ports 10/100/1000BASE-T (RJ-45) and one Combo Gigabit ports each comprised of a RJ-45 and a SFP for uplink with DC:12/24/36/48V for extreme temperatures operation -40 to 85°C

SIP1213 Series

- **SIP1205:**Hardened Din-Rail industrial Unmanaged FE Ethernet Switch 4 - ports 10/100BASE-T (RJ-45) PoE (802.3af/at) and one 10/100BASE-T (RJ-45) ports for uplink with DC:12/24/36/48V for extreme temperatures operation -40 to 85°C
- **SIP1210-1C:**Hardened Din-Rail industrial Unmanaged FE Ethernet Switch 8 - ports 10/100BASE-T (RJ-45) PoE (802.3af/at), one 10/100/1000BASE-T (RJ-45) port and one Gigabit port SFP for uplink with DC:48V for extreme temperatures operation -40 to 85°C
- **SIP1305-T:**Hardened Din-Rail industrial Unmanaged GE Ethernet Switch 4 - ports 10/100/1000BASE-T (RJ-45) PoE (802.3af/at) and one 10/100/1000BASE-T for uplink with DC:48V for extreme temperatures operation -40 to 85°C
- **SIP1305-1C:**Hardened Din-Rail industrial Unmanaged GE Ethernet Switch 4 - ports 10/100/1000BASE-T (RJ-45) PoE (802.3af/at) and one Combo Gigabit ports each comprised of a RJ-45 and a SFP uplink with DC:48V for extreme temperatures operation -40 to 85°C

Ordering Information	
SCP1205	**Hardened Din-Rail CCTV Unmanaged FE Ethernet Switch 4 - ports 10/100BASE-T (RJ-45) PoE (802.3af/at) and one 10/100Base-T ports with DC:48V for extreme temperatures operation -30 to 70°C**
Gigabit Ethernet SFP	
SNS SFP-G-SX	**SFP 1000Base-SX, MM, 850nm, 0-550m.**
SNS SFP-G-MMX	**SFP 1000Base-SX, Extended MM, 1310nm, 0-2km.**
SNS SFP-G-LX	**SFP 1000Base-LX, SM, 1310nm, 10km.**
SNS SFP-GD-ELX	**SFP 1000Base-ELX, SM, 1310nm, 25km**
SNS SFP-GD-XD	**SFP 1000Base-XD, SM, 1550nm, 50km**
SNS SFP-GD-ZX	**SFP 1000Base-ZX, SM, 1550nm, 80km**
SNS SFP-GD-EZX	**SFP 1000Base-EZX, SM 1550nm, 120km**

For further information please visit us at - http://opticalsns.com