IDSWR-01X01XGHP-S

Industrial Din-rail 10G Web Smart Media Converter

1*100M/1G/2.5G/5G/10G RJ45 PoE++, 1*100/1G/2.5G/10G SFP+

Overview

IDSWR-01X01XGHP-S is an industrial multi-gigabit PoE switch, which delivers powerful performance and intelligent reliability for next-generation networks. Designed for high-speed data, power efficiency, and long-term stability, it provides seamless connectivity for devices such as wireless access points, IP cameras, and industrial controllers.

With smart watchdog technology and wide environmental adaptability, it ensures continuous operation even in harsh conditions. Compact, durable, and easy to manage through a web interface, this switch is the ideal solution for industrial automation, smart city infrastructure, and security surveillance systems.

Features

- 10G multi-gigabit RJ45 and SFP+ ports for high-speed connectivity.
- Supports IEEE 802.3af/at/bt PoE with up to 90 W output.
- Smart Fiber and PoE Watchdog functions for automatic link recovery.
- Rugged industrial design with IP30 protection and –40°C to +80°C operation.

- Long-distance transmission up to 120 km over fiber.
- Web-based management for easy configuration and monitoring.

Specifications

Ports	1*100M/1G/2.5G/5G/10G RJ45 PoE++ (Data + PoE) 1*100M/1G/2.5G/10G SFP+
PoE	Support IEEE802.3af/at/bt
PoE out PIN	1 2+, 3 6-; 4 5+, 7 8-
PoE Power	Max. 90W
Reset Key	1
Bandwidth	40Gbps
Packet Forwarding	29.76Mpps
MAC	8K
Buffer	8.1Mbit SRAM Packet Buffer
Jumbo Frame	Up to 12KB
VLAN Address	4K
Function	**Fiber Watchdog**: Automatically restarts the optical module when an abnormal light path is detected. PoE Watchdog: Automatically restarts the PoE port when an abnormal PoE-powered device is detected. (Available only on PoE models.) **PoE Switch**: Supports IEEE 802.3af/at/bt standards. **Management**: Supports Web-based management
Transmission Distance	SFP: 100M/1G/2.5G/10G SMF/MMF optical module, max. distance≤120km 100BASE-TX: Cat5 or later UTP (150 meter) 2500/1000BASE-TX: Cat6 or later UTP (100 meter) 5GBASE -TX: Cat6 or later UTP (80 meter) 10GBASE -TX: Cat6 or later UTP (50 meter)
LED Indicator	PWR: V1-LED, V2-LED, V3-LED, POWER LED Function: Fiber Dog -LED; POE DOG-LED POE: POE on LED SFP: 10G-LED; 2.5G-LED, 1G-LED RJ45: 10G/5G LED; 2.5G LED; 1G/100M LED
Power Input	2CH*(2*3.81) Power in 1CH*(DC5521) Power in Power: DC37-57V, max. 100W
Operating Temperature	-40~+80°C
Operating Humidity	5%~90% RH non-condensing
Storage Temperature	-50~+90°C

Storage Humidity	5%~95% RH non-condensing
Product Size (L x W x H)	100x86x30mm
Package Size (L x W x H)	200x130x40mm
N.W.	0.3kg
G.W.	0.42kg
Lightning Protection level	6KV 8/20us; IP30
Installation	Desktop or DIN-rail
Certificates	CE/FCC/RoHS
Warranty	2 years

Ordering Information

PART NO	DESCRIPTION
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https://www.lanaotek.com

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