

Data Sheet for Article: QLIGS2110-

DIN-Rail Switch 8xRJ45 1000 + 2xSFP, without supply

8x RJ-45 10/100/1000BASE-T RJ45 ports, 2x 100/1000Base-X SFP Slot, 1x Terminal Block, input voltage 12VDC-57VDC



SCHRACK-Info

- 8 Gigabit Ethernet ports and 2 Gigabit SFP slots
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 4K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- Support STP/RSTP Spanning Tree Protocol
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 40°C to 75°C operating temperature range
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Supports DIN-rail installation Web-based and smart lite Management Supports LevelOne IP Locator for easier IP management.

Description

The QLIGS2110- offering powerful better functionality and usability that delivers the costeffectively business and transports Ethernet services via fiber or copper connections.

QLIGS2110- delivers 8 (10M/100M/1G) RJ45 ports and 2 Gigabit SFP ports.

With the industrial standard DIN-rail mount, plus the clearly visible status LEDs provide simple monitoring of port link activity.

QLIGS2110- can be matched with the latest IP Locator, the software is the easiest to use switch discovery tool. It can search all Hilbert series switches, instantly know the forgotten IP and other info.

Compatible with mainstream Windows and Mac operating systems.

The QLIGS2110- provides high HW performance and environment flexibility for Enterprises.

QLIGS2110- is ideal to deliver management simplicity, optimum user experience, and lower total cost of ownership.

Additional Information

- Color: Black
- Article number: QLIGS2110-
- Features:
 - L2 Switching Features
 - IGMP Snooping
 - Link Aggregation (Supports static link aggregation)
 - Port Mirroring
 - Cabletest VLAN
 - Supports up to 32 VLANs (out of 4K VLAN IDs)
 - MTU/Port/802.1Q VLAN Quality of Service (QoS)
 - Support Port-based/802.1p/DSCP priority
 - Support 4 priority queues
 - Rate Limit
 - Storm Control
- Management:
 - Web-based Graphic User Interface (GUI)
 - Supports LevelOne IP Locator for easier IP management
- Data rate: Gigabit Ethernet
- PoE Supported: No
- Fanless: Yes
- Manageable: Yes
- Series: HILBERT series
- Grade: Industrial
- Approval and Compliance:
 - CE
 - UKCA
 - FCC
 - Part 15, Subpart B Class B
 - RoHS
- Operating humidity: 10% RH ~ 90% RH
- Operating temperature: -40°C ~ 75°C
- Storage humidity: 5% RH ~ 95% RH
- Storage temperature: -40°C ~ 85°C
- Package Contents:
 - QLIGS2110-
 - Power Terminal Block
 - Din-rail Mount Kit
 - Quick Installation Guide
 - Declaration of Conformity
- Switching capacity: 20 Gbps

- Dimensions (W x D x H): 149.2 x 122 x 50 mm
- Product weight (kg): 0.53 kg
- IP Grade: IP30
- Acoustic noise (dB): 0 dB(A)
- Backplane (Gbps): 20
- Dip switch: RSTP, VLAN ON/OFF
- Flash memory size: 2 MB
- Packet forwarding rate: 14.88 Mpps
- Heat dissipation: 30.71 (Btu/H)
- Indicators: Power, Link/Act
- Jumbo frame (KB): 9 KB
- MAC address table: 4K
- Mount: DIN rail mount
- MTBF: 43,800 hrs
- Packet buffer: 1.5 Mbits
- Port Configuration: 8x 10/100/1000 Mbps RJ-45 copper downlink ports, 2x 100/1000 Mbps SFP Uplink Ports
- Power consumption: 9 W
- Power input: Redundant Dual DC 12V/24V/48V
- Stromversorgung: VDC 12~57V
- Power supply included: No
- Standards:
 - IEEE 802.3 10-BASE-T (Ethernet)
 - IEEE 802.3u 100-BASE-TX (Fast Ethernet)
 - IEEE 802.3ab 1000BASE-T (Gigabit Ethernet)
 - IEEE 802.3z 1000BASE-X (Gigabit Ethernet)
 - IEEE 802.3x Flow Control (full-duplex flow control)
 - IEEE 802.3az Energy Efficient Ethernet
 - IEEE 802.1D Spanning Tree Protocol (STP)
 - IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)

Technical Data

Net width (mm)	149,20
Net height (mm)	50,00
Netto depth (mm)	122,00
EAN	4015867236208
Min. ambient temperature (°C)	-40
Max. ambient temperature (°C)	75
Product	Ethernet Switch
Speed	10/100/1000Mbps
Ports	10
Mounting	DIN-Rail

Article Table

DESCRIPTION	Order No.
DIN-Rail Switch 8xRJ45 1000 + 2xSFP, without supply 8x RJ-45 10/100/1000BASE-T RJ45 ports, 2x 100/1000Base-X SFP Slot, 1x Terminal Block, input voltage 12VDC-57VDC	QLIGS2110
Optional Accessories	
DIN-rail adapter empty for 1 module (SFA)(SFB), RAL7035 Lightgrey	HSERH010GS
FO-Module SFP 1000BaseSX LC Multimode VCSEL 850nm, 550m for devices of the QL ... Series	QLSFP3001
FO-Module SFP 1000BaseLX LC Singlemode 1310nm, 20km for devices of the QL ... Series	QLSFP3211
FO Splicebox for DIN Rail, 4 Fibers, LC, 50/125µm OM3 RAL7035, incl. Pigtails, incl. couplers, CLASSIC	HSELS043LR
FO Splicebox for DIN Rail, 4 Fibers, LC, 9/125µm OS2 RAL7035, incl. Pigtails, incl. couplers, CLASSIC	HSELS049LR
Industrial power supply, 24VDC, 60W, DIN-Rail	QLPOW2420
Industrial power supply, 24VDC, 75W, DIN-Rail	QLPOW2430
Industrial power supply, 24VDC, 120W, DIN-Rail	QLPOW2440
Industrial power supply, 48VDC, 480W, DIN-Rail PoE Ready	QLPOW4860
Industrial power supply, 48VDC, 120W, DIN-Rail PoE Ready	QLPOW4840
Industrial power supply, 24VDC, 30W, DIN-Rail	QLPOW2410
Power Supply, 110V-240VAC 50/60Hz ; 48VDC/1.35A, 64,8W	QLPOW4801