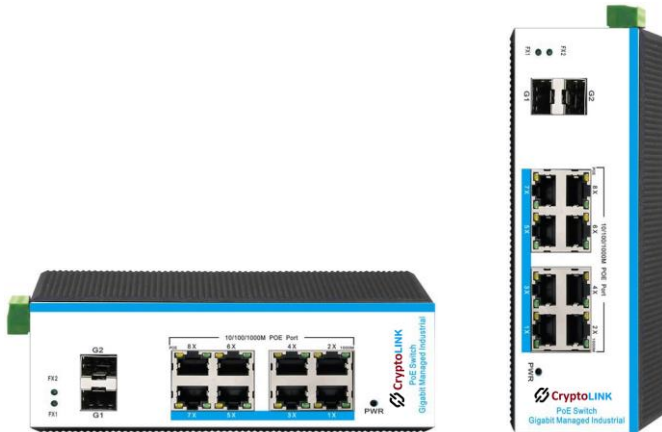


10 ports Gigabit Managed Industrial PoE Switch

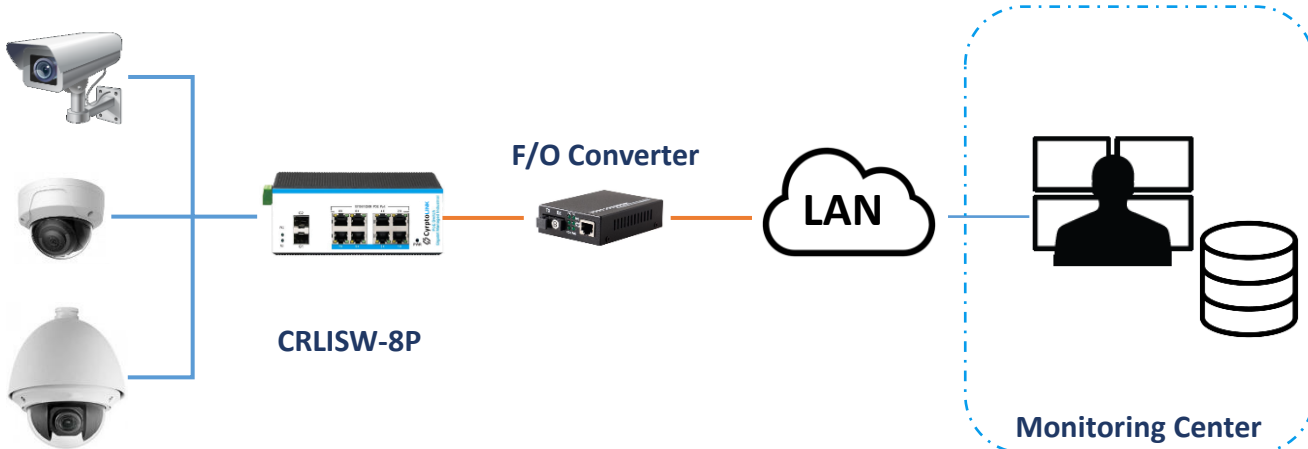


The CRLISW-8P Industrial PoE Switch, it support 8*10/100/1000Base-TX POE Ports and 2*Gigabit SFP Ports. These converters are classified as power source equipment (PSE), and when used in this way provide up to 30W to IEEE802.3at compliant powered devices (PD), eliminating the need for additional wiring. It provided some kinds of advanced network managed function, like as: Ring redundancy Ring-Network, VLAN, Trunking, Quality of Service, Speed control, port mirroring, fault alarm and firmware upgrade online. SW-Ring can bring your Ethernet to intelligent redundancy. Standard Industry design, can satisfied every requirement of the industry scene. All components used industry grade, it takes products high reliability. It provided wide voltage power supply input.

It support CE, FCC ROHS standard, adopt industry standard design, IP40 protection, rugged high-strength metal case, Dual power supply input (DC48-55V), -40 to 85°C working temperature. The converters support IEEE802.3/IEEE802.3i/IEEE802.3u/IEEE802.3ab/IEEE802.3z with 10/100/1000M, full/half-duplex, and MDI/MDI-X auto-sensing, providing a complete solution for your Industrial Ethernet Network.

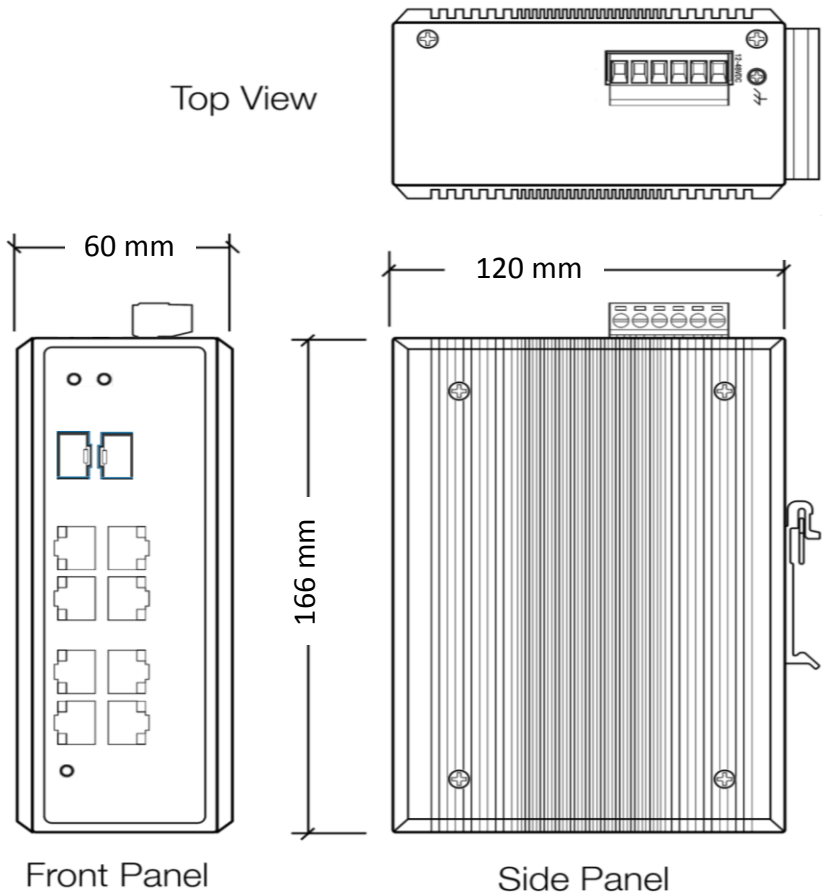
- Support 8*10/100/1000Base-TX POE port and 2*Gigabit SFP Port and 1 Console Port
- Support:IEEE802.3,IEEE802.3u,IEEE802.3x,IEEE802.3z/ab,IEEE802.1Q,IEEE802.1p,IEEE802.1D/W, IEEE802.3at(30W).
- Support Spanning Tree STP(802.1D) and RSTP(802.1W). 802.1s (MSTP,ERPS); Support PoE Management,SNMP v1/v2/v3
- Support L2 IGMP Snooping,Static Multicast filtering and MLD Snooping filtering; Support 802.1x port authentication and 3A authentication to Enhance Network Security
- Critical Alarm Relay
- RMON Support
- IPv4 Support and For Future IP Configuration IPv6 Support
- Support WEB,Telnet,CLI,SSH Management; IP40 protect grade, high strength Aluminum Case, DIN35 Rail installation
- Industrial grade 4 design, -40 to 85°C working temperature
- Support redundant power supply access, anti-reverse connection
- Port Lightning Protection: General Mode 6KV, Differential Mode 4KV, ESD 15KV
- Support comply with EMC EN55032 Standard
- PD Alive Check (WatchDog)x

Cameras



Product Name	10 ports Gigabit Managed Switch
Product Model	CRLISW-8P
Interface	8 x10/100/1000M copper RJ-45 ports, 2 x1000M SFP port ,1x Console
Network Protocols	Support IEEE802.3,IEEE802.3u,IEEE802.3z, IEEE802.3ab, IEEE802.3x, IEEE802.1d, IEEE802.1w
L2 (Layer 2 Switching)	
Port management	Enable / disable port Speed, duplex, MTU settings, etc. Flow-control flow control setup Support port mirroring Support port access direction, VLAN image To support the port speed limit, Support port isolation settings Unknown unicast, multicast, broadcast storm suppression PD Alive
Spanning Tree Protocol	Standard Spanning Tree (STP) 802.1d Rapid Spanning Tree (RSTP) 802.1w Multiple Spanning Tree (MSTP) 802.1s
Ring Network Protocol	ERPS
Link Aggregation	Support static manual aggregation, Support LACP dynamic convergence IEEE 802.3ad
VLAN	Support Port based VLAN and IEEE 802.1Q VLAN
IGMP snooping	Support static add / delete, Support v1/2/3 dynamic multicast
GMRP	supports GARP multicast registration protocol
MAC	Support static add / delete MAC address learning limit Support dynamic aging time settings 8.000 MAC Entries Support
L3 (Layer 3 Switching) and Router Function	
Interface configuration	Support virtual VLAN interface
ARP	Support check ARP
Router function	Static route
Extended Function	
ACL	Based on the source MAC, destination MAC, protocol type, source IP, destination IP, L4 port number Support time-range time management
QOS	Based on 802.1p (COS) classification Based on DSCP classification / TOS Based on the source IP, destination IP, port number classification Support SP, WRR, DRR scheduling strategy Support traffic speed limit CAR Queue Prioritization
LLDP	Supports LLDP link discovery protocol
Log	User login, operation, status, event log
User setting	Support add/delete user
Prevent attack	DOS defense Support for CPU protection, limited to send CPU message rate ARP binding (IP, MAC, PORT binding)
System management	User add / delete user User login, operation, status, event log Device reset, configuration save / restore, upgrade management, time setting, etc.

Management Function	
CLI	Support serial command line management
TELNET	Support serial command line management
SSH	Supports SSHv1/2 remote management
SNMP	Support v1/2/3
	ColdStart, WarmStart, LinkDown, LinkUp
WEB	Supports two layers, three layers of view, etc
POE	POE Management
Other Parameters	
PoE Specification	PoE Standard: Supports both IEEE802.3af and IEEE802.3at
	Single PoE Port Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at) Total PoE Power Output : 240 watts
	PoE port Auto detect af/at
	PoE Port Output Voltage: DC48V
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Fiber Media	Multi-mode: 1310nm, 2Km Single-mode: 1310nm, 20; 1550nm, 60/80/100/120Km
Performance Specification	Bandwidth: 24Gbps Packet Buffer Memory:4M Packet Forwarding Rate:1488000pps/port Address Table: 8K MTBF:100,000 hours
Forwarding Mode	Store-And-Forward
LED Display	Fiber Run indicator: G9,G10 Power supply indicator: PWR System indicator:SYS PoE ACT indicator: LED-Yellow 1000M LINK indicator: LED-Green
Port Lightning Protection	General Mode 6KV, Differential Mode 4KV, ESD 15KV
Power Supply	Input Voltage: DC48V (48~55V) Type of input: 4 pins terminal block (V1+ V1- V2+ V2-) DC52V1.25A/DC52V2.5A for optional
Working Environment	Working temperature: -40~85℃ Relative Humidity: 5%~95 % (no condensation)
Industry Standard	EMI: FCC Part 15, CISPR (EN55032) class A EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5 (Surge) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Mechanical Structure	Shell: IP40 protect grade, metal shell Installation: DIN-Rail or Wall mounts Product weight: 0.5KG Package:0.8KG (without Power Adapter) Product size(L*W*H):166mm*120mm*60mm Packaging size(L*W*H): 250mm*210mm*80mm
Certification	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B



Ordering Information

CRLISW-8P

10 ports Gigabit Managed Industrial PoE Switch*

*Power adapter & SFP module is not included