

## CLR-SWF-18

**1\*10/100Base-T Port + 8\*SFP  
(100M) Slots Unmanaged**



### Overview

CLR-SWF-18 is designed to have 1 RJ45 port 10/100Base-T and 8 SFP slots 100Base-T/SX/LX. It can be used as core switch in the fiber backbone which collects 100Mbps fiber optic connections over itself. It is ideal solution for small sized networks especially IP camera systems. Different types SFP modules, multimode & singlemode, single-fiber & dual-fiber can be chosen. It has switch controller and buffer memory that connects two types of segments to operate smoothly. The switch comes with an external power unit, provides good stability and reliability with low power consumption.

### Features

- Fully complies with IEEE802.3 10Base-T, IEEE802.3u, 100Base-TX
- 1 x RJ45 10/100 RJ45 Ports and 8 x 100Base-FX Optic SFP Slots
- Auto negotiation function allows UTP ports to auto select 10/100 and Full Duplex or Half Duplex
- The UTP port supports MDI/MDI-X auto crossover which gives the ability to auto swap TX/RX.
- Supports VLAN and QoS.
- Packet length up to 1600 Bytes
- Store & forward, non-blocking architecture
- Plug-and-play, easy installation
- Works with Singlemode SM 8.3/125, 8.7/125, 9/125 or 10/125 $\mu$ m, Mutimode MM 50/125, 62.5/125 $\mu$ m fiber cables.
- Power consumption is low as 10W, low heat, and high reliability.
- There are LEDs showing the status of the ports and power; PWR, FX Link/act, FX 100M, TX 10/100M, TX Link/act.

## Specifications

Standards	- IEEE802.3 10Base-T, IEEE802.3u, 100Base-TX - 100Base-SX - 100Base-LX
Interface	- 1 * 100Base-T - 8 * 100Base-SX/LX SFP slot
Frame Size	- 1600bytes
MAC Address Table Size	- 8K
Frame Buffer Memory	- 1MKb
Switching capacity	- 20Gbps
Flow Control	- Full Duplex: IEEE802.3x - Half Duplex: back pressure.
Transmission Media	1000Base-T - 4 pair Cat.5e or Cat6, EIA/TIA-568 100-ohm screened twisted-pair (STP), up to 100m
	1000Base-SX - 62.5/125µm multimode fiber optic cable, up to 224m - 50/125µm multimode fiber optic cable, up to 550m
	1000Base-LX - 8.3/125, 8.7/125, 9/125µm singlemode fiber optic cable 20Km
Connector Type	- UTP: RJ-45, 10/100/1000Mbps; - Fiber: LC, 1000Mbps
LED Indicators	- PWR, SFP1 Link/Act, SFP2 Link/Act, SFP3 Link/Act, SFP4 Link/Act, SFP5 Link/Act, SFP6 Link/Act, SFP7 Link/Act, SFP8 Link/Act;
Power Consumption	- 10W
Power Requirements	- AC 220V (100-240V) 50Hz; DC 5V, 3A
Environment	- Operating Temperature: 0°C~50°C - Storage Temperature: -20°C~70°C - Operating Humidity: 5%~90%
Physical	Dimensions - 30×210×127mm
	Shell - Metal
	Color - Black
Approvals	- FCC, CE