

# FSW-2104

4x FE, RJ45 + 1 or 2 x FE, Fiber Switch  
with AC Adapter



The FSW-2104 provides a low cost solution for non-managed Ethernet fiber switches. The FSW-2104 is a 4-port 10/100Base-TX plus 1-port 100Base-FX Fast Ethernet switch. FSW-2104 is designed for small workgroup applications that require a long distance connection to the backbone, such as between buildings, offices, or within a campus location. FSW-2104 provides full-duplex capability on each auto-negotiating port, for enhanced performance. A wide range of transceiver selection provides fiber connection with SC type connectors in multimode or single mode and at distance from 2 to 120km as well as BiDi (single fiber) at distances of 20, 40, 60, or 80km.

## Features

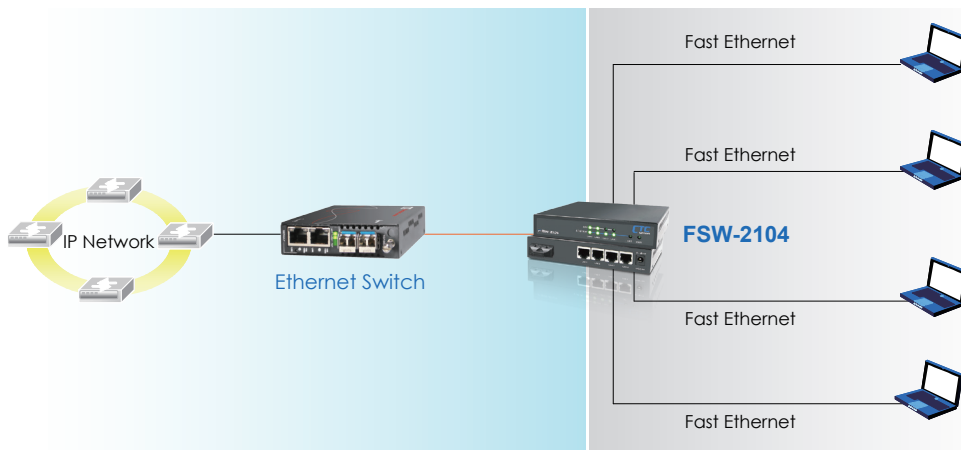
- 4x 10/100Base-TX and 1x 100Base-FX Switch
- Auto-Negotiation
- Auto MDI/MDIX
- Forward 1552 bytes (Max.) packets
- Supports 1K MAC address
- 512k bits packets buffer memory
- Supports broadcast storm protection

## Specifications

<b>Optical Interface</b>	Connector	1x9 (SC)
	Data rate	100Mbps
	Duplex mode	Full duplex
	Fiber	MM 50/125µm, 62.5/125µm SM 9/125µm
	Distance	MM 2km, SM 15/30/50/80/120km WDM 20/40/60/80km
Wavelength	MM	1310nm, SM 1310,1550nm
	WDM	1310Tx/1550Rx (type A) 1550Tx/1310Rx (type B)
<b>Standards</b>	IEEE802.3, IEEE802.3u	
<b>Indications</b>	LED (FX-Link, TX SPD, TX-Link/Act)	
<b>Power Consumption</b>	< 4W	

<b>Dimensions</b>	138 x 77 x 28mm (D x W x H) (FSW-2104)	
	215 x 91.3 x 29mm (D x W x H) (FSW-2104-AD)	
<b>Weight</b>	450g (FSW-2104), 550g (FSW-2104-AD)	
<b>Electrical Interface</b>	Connector	RJ-45
	Data rate	10Mbps, 100Mbps
	Duplex mode	Half / Full duplex
	Cable	10Base-T Cat.3, 4, 5, UTP, 100Base-TX Cat.5, 5e or higher
<b>Power Input</b>	AC	100~240VAC
	DC	18~60VDC
<b>Temperature</b>	0 ~ 50°C (Operating), 0 ~ 70°C (Storage)	
<b>Humidity</b>	10 ~ 90% non-condensing	
<b>Certification</b>	CE, FCC	
<b>MTBF</b>	65,000 hrs	

## Application



## Ordering Information

Model Name	Description
FSW-2104	4x 10/100Base-TX and 100Base-FX Switch with AC Power Adapter
FSW-2104-AD	4x 10/100Base-TX and 100Base-FX with AC+DC Built-in Power
Connector Type	Connectivity Distance
SC	002: 2km 015: 15km 030: 30km

Example: FSW - 2104 - 

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 - AD

Connector Type    Connectivity Distance

Example: FSW - 2104 - SC002 - AD