



# FSW-2104-AD

4x 10/100Base-TX and 100Base-FX Switch with build-in AC+DC Power

The FSW-2104-AD provide a low cost solution for non-managed Ethernet fiber switches. The FSW-2104-AD is a 4-port 10/100Base-TX plus 1-port 100Base-FX Fast Ethernet switch. The Switch 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. FSW2104-AD provide 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

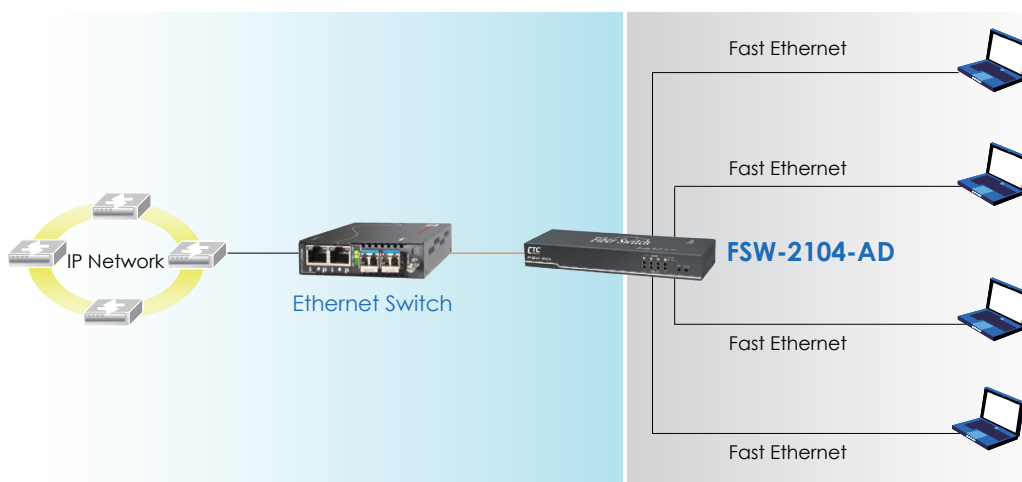
- 4x 10/100Base-TX and 100Base-FX Switch
- Auto-Negotiation
- Auto MDI/MDIX
- Forward 1552 bytes (Max.) packets
- Supports 1K MAC address
- 512k bits packets buffer memory
- Supports broadcast storm protection

## 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)	
<b>Weight</b>	450g	
<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: 36 ~ 72VDC	
<b>Temperature</b>	0 ~ 50°C (Operating), 0 ~ 70°C (Storage)	
<b>Humidity</b>	10 ~ 90% non-condensing	
<b>Certification</b>	CE, FCC, RoHS compliant	
<b>MTBF</b>	65,000 hrs	

## Application



## Ordering Information

Model Name	Description
FSW-2104-AD	4x 10/100Base-TX and 100Base-FX Switch with AC+DC Power
Connector Type	Connectivity Distance
SC	002: 2km 015: 15km 030: 30km 050: 50km 080: 80km 120: 120km 20A: WDM 20km A type 20B: WDM 20km B type 40A: WDM 40km A type 40B: WDM 40km B type 60A: WDM 60km A type 60B: WDM 60km B type 80A: WDM 80km A type 80B: WDM 80km B type

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 Example: FSW – 2104 – SC002 – AD