FSW-2104

4x 10/100Base-TX and 100Base-FX
Unmanaged Switch

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.
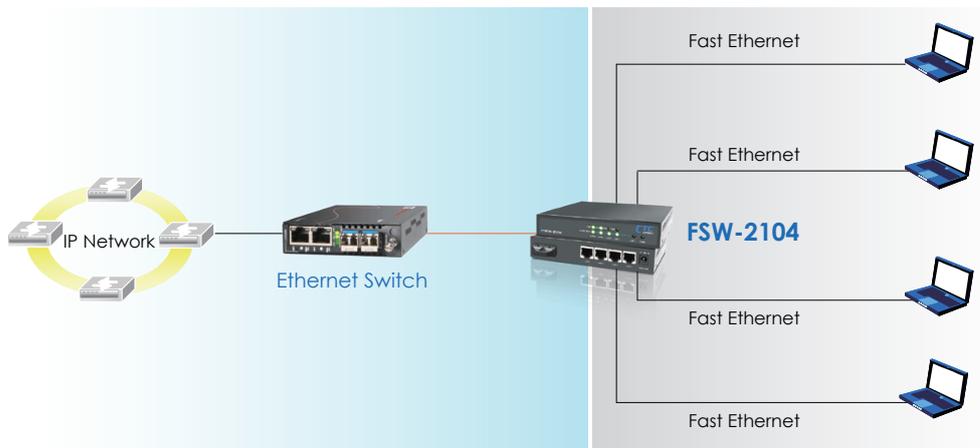
Feature

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

Specifications

Optical Interface	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)
Standards	IEEE802.3, IEEE802.3u	
Indications	LED (FX-Link, TX SPD, TX-Link/Act)	
Power Consumption	< 4W	

Dimensions	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)	
Weight	450g (FSW-2104), 550g (FSW-2104-AD)	
Electrical Interface	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
Power Input	AC	100~240VAC
	DC	18~60VDC
Temperature	0 ~ 50℃ (Operating), 0 ~ 70℃ (Storage)	
Humidity	10 ~ 90% non-condensing	
Certification	CE, FCC	
MTBF	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

Connector Type   Connectivity Distance

FSW – 2104 – ☐☐☐☐☐ – **AD**

Example: FSW – 2104 – SC002 - AD