

# FX-16IRS2

16 Ports Fast Ethernet Switch

Auto Negotiation

Store & Forward

Plug & Play

LED



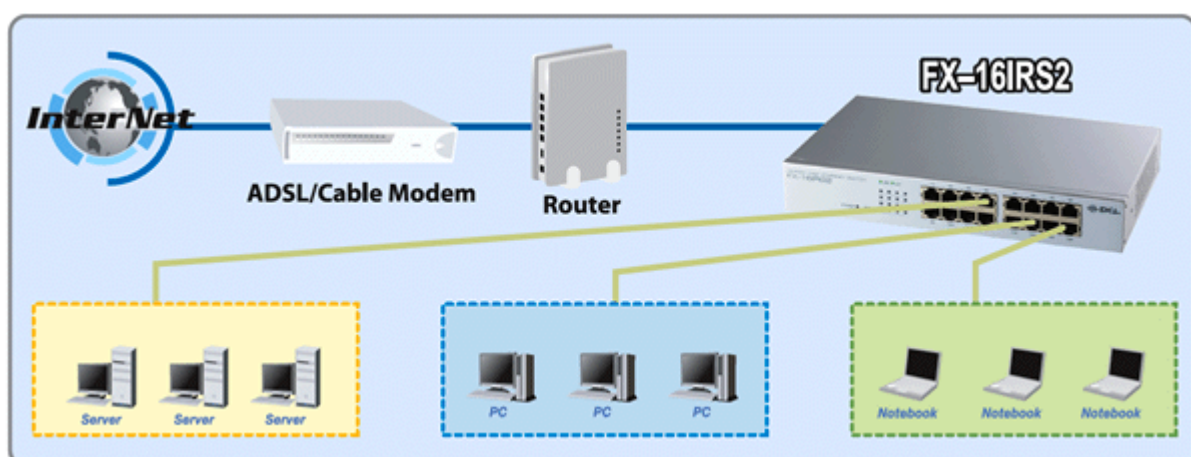
## Features

FX-16IRS2 is a powerful, high-performance Fast Ethernet switch, with all 16 ports capable of 10 or 100Mbps auto-negotiation operation (NWay), which means the switch could automatically negotiate with the connected partners on the network speed and duplex mode. It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications. Moreover, the 10/100Mbps auto-sensing ability provides an easy way to migrate 10Mbps to 100Mbps network with no pain. Compared to the shared 10Mbps or 100Mbps networks, the switch delivers a dedicated 10/100Mbps connection to every attached client with no bandwidth congestion issue. This switch also supports auto MDI / MDI-X function. Each port could be used to connect to another switch or hub with no crossover RJ-45 cable.

Store-and-forward switching mode promises the low latency plus eliminates all the network errors, including runt and CRC error packets. To work under full-duplex mode, transmission and reception of the frames can occur simultaneously without causing collisions as well as double the network bandwidth.

The switch is plug-and-play without any software to configure and also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel can provide the operating status of individual port and whole system.

## Connection Sample



## Specification

<b>Model</b>	<b>FX-16IRS2</b>
<b>» Function</b>	
<b>Supported Standards</b>	IEEE802.3 : 10BASE-T IEEE802.3u : 100BASE-TX IEEE802.3x : flow control
<b>Port Configuration</b>	RJ-45 connector×16 : 10BASE-T、100BASE-TX (Support Auto MDI/ MDI-X)
<b>Data Transfer Mode</b>	Store-and-Forward
<b>Supported Media</b>	UTP/STP LAN cable 10Mbps : Category 3 or greater 100Mbps : Category 5 or greater
<b>Buffer Memory</b>	160KB
<b>Switch Fabric</b>	3.2Gbps
<b>MAC address</b>	8,000
<b>Throughput (64Bytes)</b>	10BASE-T : each port 14,880 packet/sec 100BASE-TX : each port 148,800 packet/sec
<b>Flow Control</b>	Full Duplex : IEEE802.3x Half Duplex : Back Pressure
<b>» Specifications of Hardware</b>	
<b>LED</b>	POWER, LINK/ACT
<b>Fan</b>	Supported
<b>MTBF</b>	43800 hours
<b>Power Supply</b>	AC100-240VA 50/60Hz
<b>Power Consumption</b>	MAX 117W
<b>Dimension</b>	267(W)× 44(H) × 161(D) mm
<b>Weight</b>	1.75kg
<b>Operating Temperature &amp; Humidity</b>	Temperature : 0 ~ 40 °C Humidity : 10 ~ 90% (non- condensing)

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