



## IK-J3024S

### 24-Port Gigabit Rackmount Switch

#### Product Overview

IK-J3024S is a Full Gigabit Rackmount Unmanaged Switch with 24-10/100/1000Mbps adaptive RJ45 ports ,all 24 ports are Gigabit RJ45 ports which can provide large file transferring and aslo be compatible with 10Mbps and 100Mbps Ethernet devices .Supports all port line speed forwarding ,provide you with a high performance ,low-cost,easy-t-use ,seamless and standard upgrade to improve old network to 1000Mbps network .

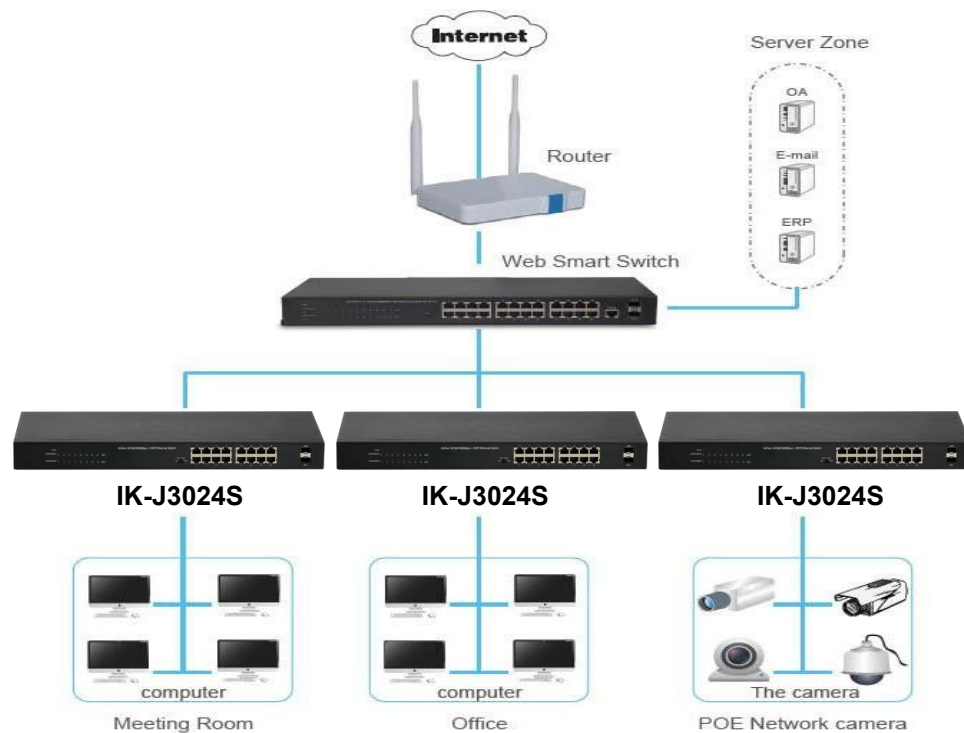
The auto features of this gigabit switch make installation plug and play and hassle-free .No configuring it required.Auto MDI/MDX eliminates the need for crossover cables ,Auto-negotiation on each port sense the link speed of a network deviceand intelligently adjusts for compatibility and optimal performance .

Adopt green Ethernet technology (802.3 z), by detecting cable length and working load, automatically adjust the signal strength, without reducing performance and effect of equipment operation, reduce the energy consumption, protect the environment.

#### Highlights

- ◆Wire- speed forwarding, smart identification
- ◆Adopt the store-and-forward mode
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- ◆Built-in switching power supply
- ◆Up to 48Gbps backboard bandwidth
- ◆With Flow control switch
- ◆High performance, durable stability

## Applied Topology



## Product Feature

- ◆Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3az, standards
- ◆Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- ◆Store and forward mode operates
- ◆LED indicators for monitoring power, link/activity ,Speed
- ◆Flow switch control
- ◆UTP port supports automatic negotiation, automatically adjusting transmission mode and transmission rate
- ◆24-10/100/100Mbps self-adaption RJ45 ports, support port Auto MDI /MDIX
- ◆Standard 19-inch rack-mountable steel case

## Product Standard

Product name	IK-J3024S
Chipset solution	RTL8382L+2*RTL8218B+2*RTL8231
Standard and Protocol	IEEE802.3 ,IEEE802.3u,IEEE802.3ab ,IEEE802.3x,IEEE802.3az
Port	24- 10/100/1000Mbps self-adaptive RJ45 port(Auto MDI/MDIX)
Network media	10 Base-T : UTP CAT 3 or above cable (MAX 100m)
	100Base-TX :UTP CAT5 cable (MAX 100m)
	1000Base-T : UTP CAT 5e cable (MAX 100m)
Transmission mode	Store-and -forward
MAC capacity	8K
Exchange capacity	48Gbs
Packet forwarding rate	35.71Mpps
Package cache	4.1Mbit
Jumbo frames	9KByte
Green Technology	Support
Power Consumption	Maximum: 16W (220V/50Hz)
LED	Power--green
	1000M Link/ACT --green
	Per port: 10M/100M Link /ACT--orange
Power	AC 100-240V , 50/60Hz 12V/ 1.5A built-in
Power consumption	MAX(PoE Full load) :260W(220V/50Hz)
Size(L*W*H)	440*208*44mm
Environmental parameters	Working temperature :0℃-45℃
	Storage temperature: -40℃-70℃
	Working humidity: 10%-90% RH noncondensing
	Storage temperature: 5%-90% RH noncondensing