

# 8-Port Gigabit Ethernet Switch

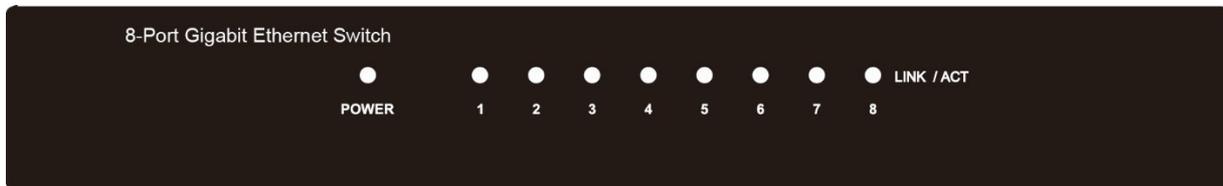
## User Manual

### 21.14.3521

#### 1. Features

- Provides 8 10/100/1000Mbps Gigabit Ethernet ports
- All 10/100/1000M ports support auto-negotiation and auto-MDI/MDI-X detection
- Supports full/half-duplex transfer mode for 10/100Mbps
- Supports full-duplex transfer mode for 1000Mbps
- Supports IEEE 802.3x flow control
- Store-and-Forward switching method
- Wire-speed packet filtering and forwarding rate
- Supports jumbo frame up to 9K bytes
- Supports IEEE 802.3az Energy Efficient Ethernet and Ethernet Green
- Supports 802.1p QoS classification.

#### 2. LED Indicators



##### Power LED

Green: Power is on

Off: Power is off

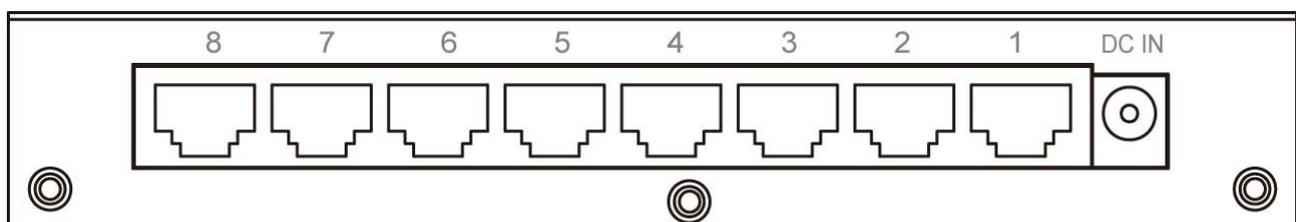
##### LEDs (Link/Act):

Off: port disconnected or link fail

Green on: 10/100/1000Mbps connected

Blinking: sending or receiving data

#### 3. Rear Panel



## 4. QoS

Each received packet is examined and classified into one of eight priority classes, and use User Tag priority value in the received IEEE 802.1Q packet to map to one priority class.

The egress port policy as follows:

Priority value		Weight
0	lowest	1
1		2
2		
3		4
4		
5		
6		8
7	highest ▼	

## 5. Technical Specifications

<b>Hardware</b>	
<b>Standard</b>	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3x Flow Control, IEEE 802.3az EEE
<b>Network Ports</b>	8 10/100/1000Mbps Gigabit copper ports Shielded RJ-45, auto-negotiation, auto-MDI/MDI-X support
<b>Network Cables</b>	Cat. 5, 5e, 6 or higher up to 100m
<b>MAC Address Table</b>	4K entries
<b>Buffer Memory</b>	1.5M bits
<b>Dimension</b>	155 x 85 x 26mm (W x D x H)
<b>Power Input</b>	+5V via external power adapter
<b>Temperature</b>	Operating: 0° ~ 40°C, Storage: -20° ~ 70°C
<b>Humidity</b>	10% ~ 90% (non-condensing)

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