

# BEWARE 24 Port PoE Full Gigabit Switch

**Model: BW-24PS  
(24GE + 2GE + 2SFP)**



## Product Overview

The BEWARE 24 Port PoE Full Gigabit Switch is an enterprise-grade networking solution with 24 PoE ports, 450W power budget, and SFP uplink support, ideal for managing large-scale CCTV and enterprise networks with high-speed and reliable performance.



**Multi-Device  
Connectivity**



**Heavy Load  
Support**



**High-Speed  
Data Transfer**



**Enterprise  
Performance**



**Electrical  
Safety**



**Electrical  
Safety**

## KEY FEATURES

- **24 x Gigabit PoE Ports** - Power and connect multiple devices
- **450W Total PoE Power Budget** - Supports high-power deployments
- **IEEE 802.3af/at Support** - Up to 30W per port
- **2 Gigabit Uplink + 2 SFP Ports** - Flexible network expansion
- **54Gbps Switching Capacity** - Handles heavy network traffic
- **Rack-Mount Metal Design** - Durable for enterprise installations

# TECHNICAL SPECIFICATIONS

PORTS	
<b>PoE Ports:</b>	24 × 10/100/1000 Mbps Rj45
<b>Uplink Port:</b>	2 × Gigabit Rj45
<b>SFP Ports:</b>	2 × 1000 Mbps Fiber Ports
<b>Standards:</b>	IEEE 802.3 / 802.3u / 802.3ab / 802.3x
POE POWER	
<b>PoE Standard:</b>	IEEE 802.3af / IEEE 802.3at
<b>Max Power per Port:</b>	Up to 30W
<b>Total PoE Power Budget:</b>	Up to 450W
NETWORK PERFORMANCE	
<b>Switching Capacity:</b>	54 Gbps
<b>MAC Address Table:</b>	8K
<b>Forwarding Mode:</b>	Store-and-Forward
<b>Transmission Distance:</b>	Up to 100 meters
<b>Cable Support:</b>	Cat5e / Cat6 Ethernet Cable
PROTECTION & FEATURES	
<b>Lightning Protection:</b>	6KV
<b>Auto MDI/MDIX:</b>	Supported
<b>Flow Control:</b>	IEEE 802.3x
<b>Plug &amp; Play:</b>	Supported
ELECTRICAL	
<b>Power Input:</b>	100–240V AC
<b>Frequency:</b>	50 / 60 Hz
<b>Power Supply:</b>	Built-in SMPS



# TECHNICAL SPECIFICATIONS

ENVIRONMENTAL	
<b>Operating Temperature:</b>	0°C to 55°C
<b>Storage Temperature:</b>	-20°C to 70°C
<b>Humidity:</b>	20% - 95% RH (Non-Condensing)

  

PHYSICAL DETAILS	
<b>Material:</b>	Metal Housing
<b>Dimensions:</b>	44 × 19 × 4.5 cm
<b>Weight:</b>	Rack Mount (19")



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