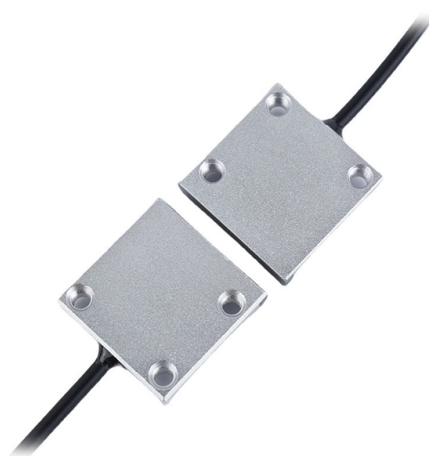


Huijue Non-PoE Switch



Overview

A PoE switch consists of networking devices which can supply power and transmit data via an ethernet cable simultaneously.

Key Takeaways

The Huijue (Ruijie) RG-ES108GD is an 8-port 10/100/1000Mbps unmanaged Non-PoE switch designed for reliable, cost-effective networking without Power over Ethernet.

Key Features

- Ports and Speed: 8 RJ45 ports supporting 10/100/1000Mbps Gigabit Ethernet, suitable for high-speed data transmission in small to medium networks .
 - Non-PoE Design: Does not provide Power over Ethernet, so connected devices require separate power sources .
 - Unmanaged Switch: Simple plug-and-play operation with no configuration required, ideal for offices or enterprise networks where advanced management is not needed .
 - Cloud Visibility: Although unmanaged, the switch can be monitored via Ruijie Cloud if at least one managed switch exists on the network .
 - Hardware Flow Control: Large buffer ensures smooth data transmission and reduces packet loss during high traffic .
 - High Reliability: Designed for stable network performance and long-term operation .
- Applications
- Small Office Networks: Connect multiple computers, printers, and other network devices without PoE requirements.

- CCTV Installations: Suitable for small-scale surveillance setups where cameras have independent power sources .

- Enterprise Expansion: Can be used to extend existing networks without adding PoE complexity.

Advantages of Non-PoE Switches

- Cost-Effective: Lower price compared to PoE switches since no power delivery circuitry is included .

- Flexibility: Devices can be powered independently, allowing use with equipment that does not support PoE.

- Simplicity: Easy to deploy and maintain, especially in networks that do not require centralized power management . The RG-ES108GD is a practical choice for users seeking a reliable, unmanaged, Gigabit Non-PoE switch for small to medium network environments, offering both performance and simplicity without the additional cost of PoE functionality .

Article Content

Connecting Huijue PoE Switches with Regular Switches

Standard connection: Use one Ethernet cable, with one end plugged into the LAN port of the router and the other end plugged into

Connecting Huijue PoE Switches with Regular Switches

Connecting Huijue PoE Switches with Regular Switches Overview Standard connection: Use one Ethernet cable, with one end

External connection of Huijue PoE switch

Overview Standard connection: Use one Ethernet cable, with one end plugged into the LAN port of the router and the other end

POE vs. Non-POE Switches: What's the Difference? | Impulse

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The Difference Between A PoE And Non-PoE Switch

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

