

Unmanaged Switch

Datasheet

DS1024G

24-Port Gigabit Unmanaged Rackmount Switch



Highlights

- 24× 10/100/1000Mbps RJ45 ports
- Supports MAC address self-learning and auto MDI/MDIX
- Standard 19-inch rack-mountable steel case
- Isolation Mode allows one-click client traffic separation for higher security and performance
- Monitor and address loop-related issues within your network structure to prevent disruptions caused by looping
- Plug and Play. No configuration or central management required.*

Product Pictures



Specifications

| Features & Performance | |
|------------------------|---|
| | Model |
| Hardware Features | Standards and Protocols |
| | IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x |
| | Interface |
| | 24× 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) |
| | Network Media |
| | <ul style="list-style-type: none">• 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)• 100BASE-TX/1000BASE-T: UTP category 5, 5e or above cable (maximum 100m) |
| | Fan Quantity |
| | Fanless |
| | Physical Security Lock |
| Performance | Yes |
| | Power Supply |
| | 100-240VAC, 50/60Hz |
| | Dimensions (W x D x H) |
| | 17.3 × 5.5 × 1.7 in (440 × 140 × 44 mm) |
| | Mounting |
| | Rack Mountable |
| | Max. Power Consumption |
| | 13.62W |
| Software Features | Max Heat Dissipation |
| | 46.44BTU/h |
| | Switching Capacity |
| | 48 Gbps |
| Performance | Packet Forwarding Rate |
| | 35.7 Mpps |
| | MAC Address Table |
| | 8K |
| Software Features | Jumbo Frame |
| | 10KB |
| | Advanced Features |
| | <ul style="list-style-type: none">• Isolation Mode: Ports 1-22• Loop Prevention: Ports 1-24• 802.1P/DSCP QoS• Green Ethernet technology |
| Software Features | Transmission Method |
| | Store and Forward |

| | | |
|------------------------|-----------------------|--|
| Others | Certification | CE, FCC, RoHS |
| | Package Content | <ul style="list-style-type: none"> • DS1024G • Power Cord • Installation Guide • Rackmount Kits • Rubber Feet |
| Physical & Environment | Operating Temperature | 0 °C to 40 °C (32 °F to 104 °F) |
| | Storage Temperature | -40 °C to 70 °C (-40 °F to 158 °F) |
| | Operating Humidity | 10% to 90% RH non-condensing |
| | Storage Humidity | 5% to 90% RH non-condensing |

*Omada Unmanaged Switches do not support Omada SDN central management and cloud access. Some models featured in this guide may be unavailable in your country or region. Visit the Omada by TP-Link website for local sales information: <https://www.omadanetworks.com>. Specifications are subject to change without notice.
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