Unmanaged Switch

Datasheet
DS1016G
16-Port Gigabit Unmanaged Rackmount Switch



Highlights

- 16× 10/100/1000Mbps RJ45 ports
- Innovative energy-efficient technology saves power consumption
- 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.*

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Product Pictures





Specifications

Features & Performance		
Model		DS1016G
Hardware Features	Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3x, IEEE 802.1p
	Interface	16× 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX)
	Network Media	• 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	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	10.68 W (220 V / 50 Hz)
	Max Heat Dissipation	36.31 BTU/h
Performance	Switching Capacity	32 Gbps
	Packet Forwarding Rate	23.8 Mpps
	MAC Address Table	8K
	Jumbo Frame	10KB
Software Features	Advanced Features	• Isolation Mode: Ports 1-14 • Loop Prevention: Ports 1-16 • 802.1P/DSCP QoS • Green Ethernet technology
	Transmission Method	Store and Forward

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Others	Certification	CE, FCC, RoHS
	Package Content	• DS1016G • 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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