

# CUDY 16 Port Gigabit Layer 2 Managed PoE Switch

with 2 SFP Ports - 200W | Model: GS2018PS2

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## Product Specifications

Product Type: Layer 2 Managed Gigabit Ethernet PoE Switch

Model: GS2018PS2

Port Configuration: 16 x Gigabit Ethernet PoE+ ports, 2 x Gigabit SFP slots

PoE Ports: 16 ports with IEEE 802.3af/at PoE+ support

Total PoE Budget: 200W maximum power output

PoE Power per Port: Up to 30W per port (802.3at)

Data Rate: 10/100/1000 Mbps auto-negotiation

Switching Capacity: 36 Gbps

Forwarding Rate: 26.78 Mpps

MAC Address Table: 8K entries

Jumbo Frame: Up to 9216 bytes

Management: Web GUI, CLI, SNMP v1/v2c/v3, Telnet

Layer 2 Features: VLAN (802.1Q), QoS, IGMP Snooping, Link Aggregation, Spanning Tree

VLAN Support: Port-based VLAN, 802.1Q VLAN (up to 4K VLANs)

QoS: 802.1p CoS, DSCP, rate limiting, traffic prioritization

Spanning Tree: STP, RSTP, MSTP support

Link Aggregation: Static and LACP (802.3ad)

Port Mirroring: Traffic monitoring and analysis

Security: 802.1X authentication, port security, ACL, storm control

SFP Ports: 2 x Gigabit SFP slots for fiber uplink

Fan: Smart fan with temperature control for quiet operation

Mounting: 19-inch rack mountable with included brackets

Power Supply: Internal 100-240V AC, 50/60Hz

Power Consumption: Maximum 230W (including PoE load)

Operating Temperature: 0°C to 45°C (32°F to 113°F)

Storage Temperature: -40°C to 70°C (-40°F to 158°F)

Humidity: 10% to 90% non-condensing

Dimensions: 440mm x 200mm x 44mm (17.3 x 7.9 x 1.7 inches)

Color: Black metal housing

Application: SMB networks, IP cameras, VoIP phones, wireless APs, surveillance systems

Compliance: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3af/at, CE, FCC, RoHS

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## About IT&E Electric

IT&E Electric is a Ghana-based electrical company delivering safe, reliable, and professional electrical services for residential, commercial, and industrial needs.

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