GS2028PS4-300W

CUDY GS2028PS4 24 PORT L2 MANAGED GIGABIT POE SWITCH WITH 4 GIG COMBO PORTS 300W

Specifications

Model	GS2028PS4-300W
Brand	Cudy
Port say?	24 Port
Tip	Managed
PoE gücü	300 W
Port sür?ti	1000mb/s
PoE	PoE+

KEY FEATURES

Model	**GS2028PS4**
Interface	**24 * 10/100/1000M POE Ports + 4 * Gigabit SFP/TP Combo Ports + 1 * Console Port**
Network Protocols	
	IEEE 802.3
	IEEE 802.3u
	IEEE 802.3ab/ad/az/af/at
	IEEE 802.3x
	IEEE 802.1q
	IEEE 802.1p, QoS
	IGMP Snooping
PoE Parameters	
	PoE Standard: IEEE802.3at (30W) and IEEE802.3af (15.4w)
	PoE compatibility: IEEE 802.3af/at adaptive
	POE port output: DC48-55V
	Power Pin Assignment: Power over spare pairs 1/2(+) and 3/6 (-)
Port Lightning Protection	
	General Mode 6KV,
	Differential Mode 4KV,
	ESD 15KV
Network Transmission Medium	
	10BASE-T: Cat3, 4, 5 UTP (≤ 100 m)
	100BASE-TX: UTP (≤100 m) above Cat5
	1000BASE-TX: UTP (≤100 m) above Cat5
Optical	
	Multimode fiber: 1310nm, 2Km
	Single-mode fiber: 1310nm, 20/40 Km
	1550nm, 60/80/100/120Km
The LED indicator	**SYS, PWR, Link (lines 2, 4) / Act (lines 1, 3)**
Power Supply	
	Machine input voltage: AC110-240V
	Output: DC52V 5.76A
	Total power: 300W
Physical Dimension	
	Product size (L×W×H): 445mm × 285mm × 45mm
	Package size (L×WxH): 470mm × 350mm × 120mm

Working Environment

Operating Temperature: -20° ~ 55 °C

Storage Temperature: -40 ° ~ 85 °C

Operating Humidity: 10% ~ 95%, non-condensing

Working height: up to 10,000 feet (3,000 meters)

Storage height: up to 10,000 feet (3,000 meters)

Technical Indicators

Bandwidth	56Gbps (non-blocking)
Packet Forwarding rate	41.66Mpps
Packet Buffer Memory	4M
Memory Capacity	128MB
Flash Capacity	16MB
Jumbo frame	9.6Kbytes
VLANs	4096
MAC	8K
Forwarding Mode	Store-And-Forward

Layer 2 Software Function

Port Management

Enable/Disable Port

Speed, Duplex, MTU Setting

Flow-control

Port Information Check

Port Mirroring Supports both side-way ports mirroring

Port Speed Limit Supports port-based input/output bandwidth management

Port Isolation Support the downlink port isolation and can communicate with the uplink port

Storm Suppression

Supports unknown unicast, multicast, unknown multicast

broadcast type storm suppression

Storm suppression based on bandwidth regulation and storm filtering

Link Aggregation

Support static manual aggregation

Support LACP dynamic aggregation

VLAN

Access

Trunk

Hybrid

Support port, protocol, MAC-based VLAN partitioning

Support GVRP dynamic VLAN registration

Voice VLAN

MAC

Support static addition, deletion

MAC addresses learning limit

Support dynamic aging time setting

Spanning tree

Support STP spanning tree protocol

Supports RSTP Rapid Spanning Tree Protocol

Supports MSTP Rapid Spanning Tree Protocol

Multicast

Support static addition, deletion