Switch | GS2048PS4 Cudy

## GS2048PS4

Cudy GS2048PS4 48-Port L2 Managed Gigabit PoE Switch with 4 10G SFP slots

Model	GS2048PS4
Brend	Cudy
Port sayı	48 Port
Tip	Managed
РоЕ	PoE+
Port sürəti	1000mb/s
PoE gücü	720 W



## **Specification**

Model	GS2048PS4
interfeys	48 10/100/1000Base-T portu 4 10Gigabit SFP+ portu 1 Konsol portu 1 USB portu 1 Sifirlama düyməsi
LED göstəriciləri	PWR, PoE, Link/Act LED
Giriş gərginlikli	100V~240V AC 50/60Hz
Enerji istehlakı	750W (720W for PoE)
СРИ	400MHz ARM Cortex-A9
DDR	2G DDR3 800MHz
RAM	256Mbits
Flash Memory	64Mbits
İşləmə temperaturu	0°C~40°C
Saxlama temperaturu	-40°C~70°C
Nisbi rütubət	5%~95% (non-condensing)
Termal üsullar	Quraşdırılmış FAN
РоЕ	
PoE port	48 PoE ports.  1-4 ports support IEEE802.3af/at/bt,  5-48 ports support IEEE802.3af/at
PoE Standart	IEEE 802.3af/at/bt
Pin təyinatı	IEEE 802.3af/at/: 2 pairs V+ (RJ45 Pin 3, 6), V- (RJ45 Pin 1, 2) IEEE 802.3bt/: 4 pairs V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6) V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)
PoE management	Port-baza PoE statusuna baxmaq və nəzarəti dəstəkləyin
L2 Switching	
Kommutasiya qabiliyyəti	176Gbps

Switch | GS2048PS4 Cudy

Paket Buferi	16Mbits	
Məhsuldarlıq	130.944Mpps	
Port konfiqurasiyası		
Port auto-negotiation	Support	
Port flow control	Support full duplex IEEE802.3x flow control Support Half-duplex back pressure flow control	
Broadcast storm control	Support broadcast, multicast, DLF packet rate limit	
Port Mirroring	Support	
Port Isolation	Support	
Port Self-loop Detection	Support	
Link Aggregation	Supports up to 128 aggregation groups, each group supports up to 8 ports	
Jumbo Frame	Jumbo packets up to 12K bytes	
Redundant port	Support	
MAC configuration		
MAC address table	32K	
MAC address table management	Support	
Static MAC address	Support	
MAC Address Binding	Support	
MAC Address Filtering	Support	
MAC Address Learning control	Control number of port-based MAC address learning	
VLAN configuration		
Number of VLANs	4К	
Port-based VLAN	Support	
802.1q VLANs	Support	
MAC-based VLAN	Support	
IP-based VLAN	Support	
Protocol-based VLAN	Support	
Voice VLAN	Support	
VLAN mapping	Support	
QinQ	Support	
Reliability Protocol		
Spanning Tree Protocol	Support STP/RSTP/MSTP	
EAPS Protocol	Support	
ERPS Protocol	Support G.8032/Y.1344	
LLDP	Support LLDP & LLDP-MED	
UDLP Protocol	Fully compatible with CISCO's UDLD protocol	
VLLP	Support, Use with VRRP routing	
Routing		
ARP	Support static and dynamic ARP	
Static routing	Support	
VLAN interface	Support 32 VLAN interfaces	
L3 routing protocol		
RIP	Support RIP v1/v2	
OSPF	Support OSPF v2	
Policy routing	Support	
VRRP	Support	
Multicast functions and protocols		
Static multicast MAC address	Support	
IGMP SNOOPING	Support IGMP SNOOPING v1/v2/v3	
MVR	Support	
GMRP	Support	
ACL access control list		

Switch | GS2048PS4 Cudy

ACL based on standard IP	Support	
ACL based on extended IP	Support	
ACL based on MAC IP	Support	
ACL based on MAC ARP	Support	
ACL port filtering	Support	
ACL based on time	Support	
QoS		
Number of port queues	8	
Queue scheduling algorithms	Support WRR, RR, WDRR, SP	
Classification based on port	Support	
Classification based on 802.1p	Support	
Classification based on DSCP	Support	
Classification based on ACL	Support	
QoS policy	Supports mapping of different data streams to different queues Support data stream to modify COS or DSCP value Support the speed limit of data stream Support data stream statistics Support data stream mirroring	
рнср		
DHCP Client	Support	
DHCP Snooping	Support	
DHCP Relay	Support	
DHCP Server	Support	
DHCP option 82	Support	
Security		
ACL	Support Standard IP / Extend IP / MAC IP / ARP	
Security Features	Support MAC-based 802.1X authentication Support AAA/RADIUS authentication Support WEB/Telnet password protection	
Self-protection	Support CPU Self-protection	
Management		
СП	Support CLI (Commend Line Interface) configuration mode	
Console	Support Configuration via the console port	
Telnet	Support Local/remote configuration via Telnet	
WEB	Support Web management system	
SNMP	Support System configuration with SNMP v1/v2c	
User Management	Support Multi-user management	
System Log	Support	
Configuration File Download/Upload	Support Download/Upload configuration File via WEB/TFTP/USB	
Upgrade Firmware	Support Upgrade Firmware via WEB/TFTP	
Debug		
PING	Support	
TRACEROUTE	Support	
Telnet client	Support	