

GS2048PS4

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



Specifications

Model	GS2048PS4
Brand	Cudy
Port say?	48 Port
Tip	Managed
PoE	PoE+
Port sür?ti	1000mb/s
PoE gücü	720 W

KEY FEATURES

Model	GS2048PS4
Interfeys	48 10/100/1000Base-T portu 4 10Gigabit SFP+ portu 1 Konsol portu 1 USB portu 1 Sıfırlama düyməsi
LED göstəriciləri	PWR, PoE, Link/Act LED
Giriş gərginlikli	100V~240V AC 50/60Hz
Enerji istehlakı	750W (720W for PoE)
CPU	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
PoE	
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
Paket Buferi	16Mbits
Məhsuldarlıq	130.944Mpps
Port konfigurasiyası	
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	4K
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	
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