

44 ports 10/100/1000M Managed PoE Switch with 8x POE RJ45+ 4x RJ45, 28x 1G SFP ports, 4x 10G SFP+ uplink ports

LPG44-8Px-28G-4T-M is a managed PoE switch with 8x POE ports, 4x RJ45, 28x 1G SFP and 4*1/10G SFP+ fiber slot ports, It provides power and data from same port. The switch discontinues the power when POE devices are disconnected.



FEATURES

- 8x POE, 4x RJ45, 28x 1G SFP & 4x 10G SFP+ L2+ features provide better manageability, security, QoS, and performance
- Support L2+ Switching features including 802.1Q VLAN, Mirroring, Port isolation, IGMP Snooping, DHCP Snooping, LLDP, IP Source Guard, ARP inspection, ACLs etc
- Support spanning tree STP(802.1D) and RSTP(802.1W)
- Jumbo frames support up to 9.6K kilobytes
- Support enhanced management through WEB, CLI, TELNET, SSH, SNMP
- Support cable diagnosis
- Supports both IEEE 802.3af and 802.3at (4ports), and every port PoE configuration function
- G.8032, support less than 50ms industrial quick ring protection

SPECIFICATIONS

<i>Number of RJ45</i>	12 (Gigabit Ethernet port)
<i>Number of Optical ports (SFP 1000M)</i>	28 1000M SFP Ports
<i>Number of Optical ports (SFP+ 10G)</i>	4 extensible 10G SFP+
<i>Optical port</i>	Gigabit SFP optical fiber port and 10G SFP+ optical fiber port
<i>Backplane bandwidth</i>	598Gbps
<i>Packet forwarding rate</i>	119.04Mpps
<i>The memory capacity</i>	32M
<i>Address Table</i>	32K
<i>Spanning tree</i>	STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)
<i>VLAN</i>	4K VLAN based on port, IEEE802.1q, VLAN based on the protocol, VLAN based on MAC, Voice VLAN, QinQ configuration, Port configuration of Access, Trunk, Hybrid
<i>Flow control</i>	IEEE802.3X (Full-duplex)
<i>Broadcast control</i>	Broadcast storm control based on port speed
<i>Multicast control</i>	MLD Snooping v1/v2, Multicast VLAN, IGMP Snooping v1/v2, Max 1024 multicast groups, Fast log out
<i>Port binding</i>	LACP, Static aggregation, Max 22 aggregation groups and 8 ports per group
<i>Port mirroring</i>	Bidirectional data mirroring based on port
<i>DHCP</i>	DHCP Client, DHCP Snooping, DHCP Server, DHCP Relay

<i>Security</i>	IP-MAC-VLAN-Port binding, ARP inspection, Anti-DoS attack, AAA & RADIUS, MAC learning limit, Mac black holes, IP source protection, IEEE802.1X & MAC address authentication,
<i>Network management Type</i>	L2+
<i>Network Protocol</i>	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3ae 10GBase-LR/SR IEEE802.3x
<i>Dimension</i>	44*290*44.5mm
<i>Power supply</i>	Built-in power supply, AC100-240V 50-60Hz 2.3A
<i>Operating temperature</i>	-20~+55°C; 5%-90% RH Non condensing
<i>Storage temperature</i>	-40~+80°C; 5%-95% RH Non condensing

FUNCTIONAL DIAGRAM



ORDERING INFORMATION

PN	DESCRIPTION
LPG44-8Px-28G-4T-M	44 ports 10/100/1000M Managed PoE Switch with 8x POE RJ45+ 4x RJ45, 28x 1G SFP ports, 4x 10G SFP+ uplink ports
x	F: IEEE802.3af (15.4W per port) T: IEEE802.3at (25.5W per port)