

52 Ports 10/100/1000M Managed Switch with 48 POE RJ45 + 4x 1 or 10G SFP+

The POE Switch LPG52-48Px-y-M features 48x POE port (IEEE802.3af or IEEE802.3at) and 4x 1G SFP (or optional 10G SFP+) ports, with Network management; auto sensing algorithm to give power to IEEE802.3af / IEEE802.3at devices. The POE Switch LPG52-48Px-y-M provides power and data from same port. In addition, it discontinues the power when POE devices are disconnected.



FEATURES

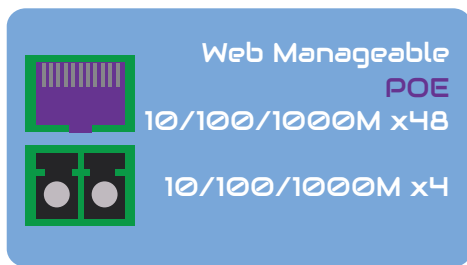
- L2+ features provide better manageability, security, QoS, and performance
- Support L2+ Switching features including 802.1Q VLAN, Mirroring, Port isolation, IGMP Snooping, DHCP Snooping, LLDP, IP Source Guard, ARP inspection, ACLs etc
- Support spanning tree STP(802.1D) and RSTP(802.1W)
- Support enhanced 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

52 Ports 10/100/1000M Managed Switch with 48 POE RJ45 + 4x 10G SFP+		
	LPG52-48Px-4G-M	LPG52-48Px-4TG-M
Number of POE ports (10/100/1000BaseT)	48	48
Number of 1G SFP ports	4	
Number of 10G SFP+ ports		4
Power Pin Assignment	1/2 (+) and 3/6 (-), or alternatively over 4/5 (+) and 7/8 (-)	
Layer 2 switching		
Spanning Tree Protocol (STP)	Standard Spanning Tree 802.1d Rapid Spanning Tree (RSTP) 802.1w	
G.8032 ERPS	50ms ring protection for industrial ring application	
Aggregation	Link Aggregation Control Protocol (LACP) IEEE802.3ad; up to 7 groups & 14 ports per group	
VLAN	Support up to 4k VLANs simultaneously (out of 4096 VLAN IDs); Port based VLAN; 802.1Q tag based VLAN	
IGMP v1/v2 snooping	IGM limits bandwidth intensive multi-cast traffic to only the requesters. Support 1024 multicast groups (source-specific multi-casting is not supported)	
Performance Specifications		
Transmission Method	Store-And-Forward	
Bandwidths	510Gbps	598Gbps
Network Protocol and Standards	IEEE 802.3i; IEEE 802.3u IEEE 802.3x Flow Control IEEE802.3af or IEEE802.3at	
POE standard	15.4W per POE port (IEEE802.3af)	
POE power	25.4W per POE port (IEEE802.3at)	

<i>Environmental</i>	
<i>Operating temperature</i>	-20 ~ 55°C
<i>Storage temperature</i>	-40 ~ 85°C
<i>Operating humidity</i>	5 ~ 95% non condensation
<i>Power supply</i>	External AC power supply (100-240V)
<i>LED indicators</i>	Power supply, network status, POE status
<i>Physical</i>	
<i>Dimension</i>	440x 290x 44mm
<i>Weight</i>	4 kg

FUNCTIONAL DIAGRAM



LPG52-48Px-4G-N



LPG52-48Px-4TG-N

ORDERING INFORMATION

PN	DESCRIPTION
LPG52-48Px-y-M	52 Ports 10/100/1000M Managed Switch with 48 POE RJ45 + 4x 10G SFP+
x	F- IEEE802.3af (15.4W per port) T- IEEE802.3at (25.5W per port)
y	4G: 4x 1G SFP ports 4TG- 4x 10G SFP+ ports
M	Network Management