LS LIGHTEM SYSTEMS

28 Ports 10/100/1000M Managed Switch with 24 POE RJ45 + 4x 10G SFP+

28 Ports 10/100/1000M Managed Switch with 24x POE & 4x 10G SFP+ ports, with Network management; auto sensing algorithm to give power to IEEE802.3af / IEEE802.3at devices. The POE Switch LPG36-32Px-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

28 Ports 10/100/1000M Managed Switch with 24 POE RJ45 + 4x 10G SFP+	
Number of POE ports (10/100/1000BaseT) @60 W	24
Number of 1G 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 &
	14ports per group
VLAN	Support up to 4k VLANs simultaneously (out of 40906 VLAN IDs); Port based
	VLAN; 802.1Q tag based VLAN
IGMP v1/v2 snooping	IGM limits bandwidth intensive multicast traffic to only the requesters.
	Support 1024 multicast groups (source-specific multicasting is not supported)
Performance Specifications	
Transmission Method	Store-And-Forward
Bandwidths	354 Gbps
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)

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

FUNCTIONAL DIAGRAM

Web Manageable
POE
10/100/1000M x24

10G SFP+ x4

ORDERING INFORMATION

PN	DESCRIPTION
LPG28-24Px-M	28 Ports 10/100/1000M Managed Switch with 24 POE RJ45 + 4x 10G SFP+
x	F: IEEE802.3af (154W per port)
	T- IEEE802.3at (25.5W per port)