

Product Model LGS2000-F-PH-4M32P-M



Product Overview LGS2000-F-PH-4M32P-M is a three-layer managed industrial Ethernet switch that can meet the needs of various industrial communication systems. 19-inch 1U rack mountable, supports 4 10GbE interfaces; 8 Gigabit combo ports; 8 Gigabit optical ports; 16 Gigabit Ethernet electrical ports; supports hardware-based 1588 clock synchronization protocol; static routing, RIP, and OSPF; and other Layer 3 functions. Compact design, powerful function, can adapt to different installation scenarios, can be widely used in the backbone communication network of various industries such as transportation, electric power, telecommunication, public security, petroleum and petrochemical, banking, coal, water conservancy, railroad, metallurgy.

<p>Switching function</p> <ul style="list-style-type: none"> Support VLAN, PVLAN Support port aggregation Support port flow control Support port speed limit and broadcast storm suppression Support VRRP Support ERPS(G.8032) Support DRP/DHP self-healing time <5ms Support RSTP/MSTP/STP Support IGMP-snooping Support GMRP <p>Routing function</p> <ul style="list-style-type: none"> Support OSPFv2 Support static routing Support RIPv1/v2 Support IGMP Support PIM-SM, PIM-DM Security Features Support IEEE802.1x Support HTTPs/SSL Support SSH Support local RADIUS server, also support to external RADIUS server forwarding authentication information Support TACACS+ Support unicast MAC filtering Support ACL Support port protocol-based data flow control and restriction Support 802.1p TOS/DIFFSERV, SP, WRR queue scheduling 	<p>Management function</p> <ul style="list-style-type: none"> Support Console, Telnet, WEB management mode Support SNMP management. Support SNMPv1/v2c/v3 Support DES and AES encryption Support TCP/UDP, Ping, Trace route Support FTP/TFTP/HTTP/HTTPS for software and configuration upload and download Support port mirroring and remote port mirroring Support LLDP and LLDP MIB (802.1ab) Support packet size assignable (MTU) Support ICMP, ICMP route discovery Support internal hardware self-test Support IP/MAC conflict alarm, power alarm, port alarm and ring alarm Support DDM optical power detection function Support logging function Support IPv4 Support IPv6 Support DHCP server/option 12 Support Port Security over DHCP Support DHCP-relay-agent/option 82/61 Support DHCP Relay Agent Information Option Support DHCP Client Support DNS Support ARP Support NAT-based IP translation 	<p>Clock function</p> <ul style="list-style-type: none"> Support SNTP client Support NTP client Support PTPv2, timing accuracy ±100ns <p>Switching properties</p> <ul style="list-style-type: none"> Priority queue 8 Number of VLANs 4K VLAN ID 1-4093 Number of multicast groups 1K Routing Table 4K MAC table 32K Packet buffer 32Mbit Packet forwarding rate 107Mpps <p>Power Supply</p> <ul style="list-style-type: none"> Input Voltage 220AC/DC(85-264VAC/77-300VDC);24-48VDC(18-72VDC) Access terminal 5 core 5.08 pitch plug-in terminal Power <40W Overload protection Support; Reverse connection protection Support; Redundancy protection Support <p>Structure</p> <ul style="list-style-type: none"> Housing Metal material Heat dissipation method Natural cooling, no fan Protection class IP40 Dimensions 435mm*44.5mm*240mm(W*H*D) Weight <4kg Installation method 19 inch 1U rack mount 	<p>Standard</p> <ul style="list-style-type: none"> IEEE 802.3(10Base-T) IEEE 802.3u(100Base-T) IEEE 802.3ab(1000Base-T) IEEE 802.3z(1000Base-SX/LX) IEEE 802.3ae(10GBase-X) IEEE 802.3ad(port aggregation) IEEE 802.3x(flow control) IEEE 802.1p(Priority) IEEE 802.1Q(VLAN) IEEE 802.1w(RSTP) IEEE 802.1s(MSTP) IEEE 802.1x <p>Environment</p> <ul style="list-style-type: none"> Operating temperature -40℃~+75℃ Storage temperature -40℃~+85℃ Relative humidity 5-95% non-condensing <p>Certification</p> <ul style="list-style-type: none"> CE, FCC, RoHS <p>Quality Assurance</p> <ul style="list-style-type: none"> MTBF: 360,000 hrs
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