

GEP-75028G

Specification

IEEE Standard	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3z IEEE 802.1D, IEEE 802.1w, 802.1p, 802.1Q, 802.1X, 802.3ad, IEEE 802.3ab
LAN	10/100/1000base-T(X), 1000Base-SX/LX/LHX/XD, ZX/EZX
Transmission Distance	Ethernet: up to 100m (4-wire Cat.5e, Cat6RJ45 cable suggested for Gigabit port) SFP: Up to 110km (depends on SFP)
Transmission Speed:	Ethernet: 10/100 Mbps Auto-Negotiation Gigabit Copper: 10/100/1000 Mbps, Auto- Negotiation Gigabit Fiber: Up to 1000 Mbps
Power Power Consumption Power Input Fault Output	30W @ 110VAC 90 ~ 264VAC / 88~ 370VDC Relay Outputs
Protection Surge protection Power Reverse Overload Current	Power: CM /DM 8/20us 3KA RJ-45: CM / DM 10/700us 6KV Present Present
Interface Connectors LED Indicators Console	24 x RJ-45 (Ethernet) 4 x SFP Ports, 3-pin removable screw terminal (Power) 2-pin removable screw terminal (Relay) RJ-45: Link/Activity SFP: Link/Activity RS-232 (RJ45)
Environment Operating Temperature Storage Temperature Operating Humidity	-20 ~ 60°C -20 ~ 70°C 10 ~ 95% (non-condensing)

Storage Humidity	10 ~ 95% (non-condensing)
Mechanism Enclosure Dimensions Mounting	IP30, metal shell with Rack-mounting kits 442 x 44 x 352mm 1U 19" Rack mount
Certification Safety EMI EMS Shock Freefall Vibration	CE-LVD CE FCC EN55022 Class A EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8 IEC 60068-2-27 IEC 60068-2-32 IEC 60068-2-6
L2 Features L2 Switching capacity Jumbo Frame VLAN Group VLAN Port Mirroring IP Multicast Storm Control Spanning Tree	16K 56G 9KB 4093 (VLAN ID 1~4093) Mac based VLAN, Protocol based VLAN, IP Subnet based VLAN, Port based VLAN, GVRP Per port, Multi-source port IGMP Snooping v1/v2/v3, MLD Snooping, 1GMP Immediate leave Broadcast, Multicast, Unknown unicast IEEE 802.1D-STP, IEEE 802.1s-MSTP, IEEE 802.1w-RSTP, EAPS
L3 Features	

Routing Host Routing Entries Static Routing Policy routing RIP OSPF VRRP	512 64 Support Support Support Support Support
QoS Priority Queue Scheduling Class of Service Rate Limiting Link Aggregation	, WRR (Weighted Round Robin), SP (Strict Priority) IEEE 802.1p based CoS, IP TOS, DSCP based CoS Egress Rate limit, Ingress Rate limit IEEE 802.3ad Dynamic Port Trunking, Static Port Trunking
Security Port Security Authentication ACL Advanced Security	Static, Dynamic 802.1x (Port-based), RADIUS, TACACS+ Standard IP / Extend IP / Mac IP / ARP ACL IP Source Guard
Management DHCP Access Security Access Software Upgrade NTP	Relay, Option82 SNMP, WEB, TELNET , RMON, Standard MIB, Private MIB SSH TFTP, HTTP NTP client