LevelOne GEP-0530

4*10/100/1000M PoE Port+1GE Uplink web management switch
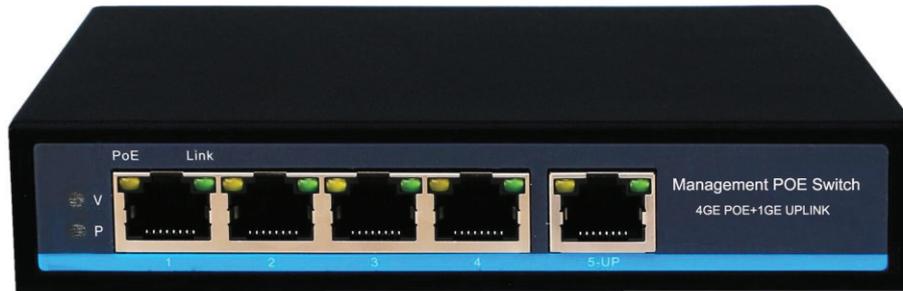
Model number	GEP-0530
Type	5GE
Port	4*10/100/1000M POE+1GE uplink port
POE standards	IEEE802.3af/at, single port PoE power 30W
POE Port	4
Reset	1
bandwidth	20Gbps
Packet forwarding	14.44Mpps
CPU	500Mhz
RAM	128M
MAC	8K
buffer	4.1M
FLASH	128M
transmission	Store and forward
working temperature	0℃~50℃
Storage temperature	-40℃~70℃
Operating humidity	10%~90% Non coagulation
Storage humidity	5%~95% Non coagulation
Product size	210*140*45mm
Packing size	260*205*67mm
Power in	AC 90~265V 50/60hz
Power	≤150W

Management switch WEB software function

standards	IEEE 802.3x
	IEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3z
	IEEE 802.3ad
	IEEE 802.3q 、IEEE 802.3q/p
	IEEE 802.1w、IEEE 802.1d 、EEE 802.1S
MAC Address	16K MAC addresses ；MAC address learning and aging
VLAN	Support port based VLAN
	Up to 4096 VLAN
	4k VLANS；Port-based VLANs；802.1Q VLAN
Spanning Tree	STP(Spanning Tree Protocol)
	RSTP/MSTP(Rapid Spanning Tree Protocol)
	EPPS ring network protocol
	EAPS ring network protocol
	802.1x argumentation agreement
Link Aggregation	Max 8 aggregation groups TRUNK, each supports 8 ports
	Static aggregation and dynamic aggregation
Port Mirror	Many-to-one port mirroring
Loop Guard	Loop protection function, real-time detection, rapid alarm, accurate positioning, intelligent blocking, automatic recovery
isolation	Support downlink ports isolated from each other and communicate with upstream port
Port flow control	Half duplex based back pressure control
	Full duplex based on PAUSE frames
line rate	Support port based input / output bandwidth management
IP binding	Support static ARP
Static routing	Support static routing
IGMP Snooping	Support 256 layers of set table capacity
	IGMPv1/2/3 和 MLDv1/2 Snooping
	GMRP protocol registration
	Multicast address management, multicast VLAN, multicast routing ports, static multicast addresses

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DHCP	DHCP Snoping
Storm suppression	Unknown unicast, multicast, unknown multicast, storm suppression of broadcast type
	Storm suppression based on bandwidth tuning and storm filtering
Security	Support 256 groups of ACL
	Teams that support 4 different priorities per port
	User port+IP address+MAC
	ACL based on IP and MAC
	Security properties of port based MAC address quantities
	Support system CPU self protection
QOS	802.1p port queue priority algorithm
	Teams that support 4 different priorities per port
	Cos/Tos，QOS sign
	WRR (Weighted Round Robin)，Weighted priority rotation algorithm
	WRR、SP、WFQ，3 priority scheduling models
	Support based on port, MAC, 802.1Q, DSCP classification
Port	Auto-MDIX ; Auto negotiation
system maintenance	Upgrade package upload
	system log view
	Support to upload / download configuration files through WEB
	Support multiuser management
	WEB restore factory configuration
PoE Managementonly POE	Open or close port
	Standard POE scheduling management
	Power and current display
	Automatic restarting function of equipment dead machine
	Timing reactivation
	Support IP bindings restarting
Management and maintenance	WEB NMS
	CLI Telnet, TFTIP Console, management based on
	Remote configuration and maintenance using Telnet
	SNMP V1/V2/V3；SSH V1/V2；RMON V1/V1