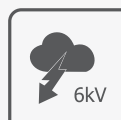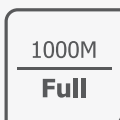# PoE
Managed Switch

MDPL7308GE

FEATURES

- Standard POE: Supports IEEE 802.3af/at standard.
- Smart POE: Supports intelligent power supply strategy and scheduled power supply strategy.
- Security management: supports ACL access control list, supports 802.1X, and supports user hierarchical management.
- Fast Speed : Speed Upto 1.2Gbps

L2 Managed	**1000M** **Full**	Redundant Power **DC/DC**	**60W** PoW+	6kV

TECHNICAL SPECIFICATION

Product Parameters	
Standards & Protocol	10Base-T, compliant with IEEE 802.3
	100Base-TX, compliant with IEEE 802.3u
	1000Base-T, compliant with IEEE 802.3ab
	1000Base-X, compliant with IEEE 802.3z
	Flow control, following IEEE 802.3x
	Environmentally friendly, compliant with IEEE 802.3az
Interface information	SFP: 2 1000Base-X (compatible with 100M)
	Transmission rate: 1.25G
	Multi-mode: 550m/2km; Single-mode: 2/20/40/60/80/100km
	Multimode: 850nm/1310nm, single mode: 1310nm/1550nm/1490nm
	Rj45 network port: 4 10/100/1000M Base-T ethernet ports (standard RJ45)
	10/100/1000Mbps adaptive
	10Base-T: ≤100m (CAT3,4,5 UTP)
	100Base-TX: ≤100m (CAT3,4,5 UTP)
	1000Base-T: ≤100m (CAT3,4,5 UTP)
Reset interface	Reset button
Fluctuation Switch	1 indicator light fluctuation switch (2nd gear: DATA, POE)
Mechanical properties	Shell material: metal shell
	Appearance dimensions (length*depth*height): 160mm×130mm×44mm
	Installation method: DIN rail type
	Heat dissipation method: natural cooling, no fan
	Weight: <1.5KG
Environmental properties	Working temperature: -40℃ ~ +75℃
	Storage temperature: -40℃ ~ +85℃
	Relative humidity: 5% ~ 95% (non-condensing)
Exchange properties	Bandwidth: 12Gbps
	Packet forwarding rate (whole machine) : 9Mpps
	Exchange method: store-and-forward
	MAC table : 8K
	Case space : 4.1m
	Input voltage: DC 48V-52V
Power supply	Power interface: 6-core Phoenix terminal
	Power supply protection: positive and negative pole misconnection protection
	Power consumption: < 3 W

PoE	802.3AF/AT(1/2+，3/6-)
	(Full load) AF mode ≤ 120W, AT mode ≤ 200W.
Indicator light	Port light (fluctuation switch control):
	When Switch Point to Data : 10/100M Link/ACT yellow, 1000M Link/ACT green;
	When Switch Point to PoE: PoE yellow
	POWER: Green
	System: Green
Security properties	Shell protection
	Surge impact IEC61000-4-5 (optional):
	Signal end: common mode ±4KV, differential mode ±2KV
	Power supply end: common mode ±4KV, differential mode ±2KV
	Anti-static interference IEC61000-4-2: contact discharge ±8KV, air discharge ±15KV
	Pulse immunity IEC61000-4-4: signal terminal: ±2KV, power terminal: ±2KV
	Shock: IEC 60068-2-27
	Free fall: IEC 60068-2-32
	Vibration: IEC 60068-2-6
	MTBF: 100000 hours
Warranty	3 years
Software features	
Monitoring function	Information such as device model, serial number, MAC, hardware version,
	software version, system time, running time, CPU utilization,
	memory utilization, etc. can be viewed
	Support port statistics
	Support management VLAN
	Support management IP configuration
VLAN function	Support port VLAN
	Supports VLANs for IP subnets
	Support MAC VLAN
	Support Voice VLAN
	Support GVRP
Port function	Support port configuration
	Support port aggregation
	Support port mirroring
	Support port speed limit
	Support port isolation
	Support port energy saving
POE function	Support POE power supply
	Support POE power supply priority
	Support POE total power setting
	Support POE timing strategy
	Support POE intelligent power supply strategy

Scene function	Support MAC configuration (static binding and dynamic binding)
	Support DHCP Snooping
	Support IGMP-Snooping, MLD Snooping
	Support LLDP configuration
	Support QOS configuration
	Support Jumbo Frame
Security function	Support ARP configuration
	Support storm control
	Support ACL (based on IP, MAC, time)
	Support attack prevention (DOS, Icmp-echo)
	Support DHCP Snooping
	Support 802.1X
	Support Radius authentication
Ring network function	Support STP
	Support RSTP
	Support MSTP
	Support ERPS
Troubleshooting function	Support loop protection
	Support log management
	Support Ping detection
	Support traceroute
	Support line detection
Device management function	Support HTTP/HTTPS
	Support TELNET
	Support SNMP
	Support RMON
Equipment maintenance function	Support system time (local and NTP)
	Support account management (hierarchical management of accounts and password protection)
	Support configuration management (configuration import, export, restore factory settings)
	Support system upgrade
	Support device restart