LINKSAFE
DCMLS 5656

LinkSafe DCMLS 5656 developed by Lancs Networks using the latest Marvell Prestera™ chip with a high number of interfaces, high bandwidth, optimized power saving, all integrated into a compact 1RU design serving the most demanding applications and modern data center.

- Network interfaces include: 48 x 10G/25 SFP28; 8 x 40G/100G QSFP28
- Up to 2 Tbps switching capacity.
- Application for switching in Data Center.

High performance

Access port with speed up to 10/25G and 100G provide high bandwidth connection up to 2Tbps.

Easy to upgrade

Flexible in updating software and functions locally or remotely, easy to configure and use.

SD-WAN & SASE

Integrating the capabilities of leading security and networking solutions (SD-WAN & SASE) enables efficient and secure connectivity.

Hiệu năng thiết bị

Content	Value
Switching capability	Up to 2 Tbps
MAC address table	128 K Entries
ARP table	128 K Entries
Routing Table	128K Entries (IPv4 + IPv6)
Jumbo Frame	9K

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Interface	
Ethernet Ports	48 x 10G/25 SFP28 ports 8 x 40G/100G QSFP28 ports
Management ports	1 x RJ45 Mgmt port 1 x RJ45 Console port 1 x USB2.0 Type A Mgmt port
LED	System: PWR/DC/MGMT/SYS Ports: LNK/ACT

Key Feature	
Layer 2 Ethernet	Support 802.1Q virtual LAN (VLAN), IEEE 802.3ad Link Aggregation Control Protocol, LLDP, Jumbo Frames up to 9600 bytes, N:1 Port Mirroring/RSPAN/ERSPAN, Port Security, Flow control: HOL, IEEE802.3x Bandwidth Control
Layer 3 Routing	Static Routing, RIPv1/v2, OSPFv2, BGP4OSPFv3, BGP4+OSPF Multiple Process LPM, Routing Policy-based Routing (PBR) for IPv4 and IPv6 VRRP/URPF, ECMP, BFD
IPv6	6to4 Tunnel, Configured Tunnel, ISATAP Tunnel, GRE TunnelICMPv6, ND, DNSv6IPv6 LPM Routing, IPv6 Policy-Based Routing (PBR)IPv6 VRRPv3, IPv6 URPF, IPv6 RARIPng, OSPFv3, BGP4+MLD Snooping, IPv6 multicast VLANMLDv1/v2, PIM-SM/DM for IPv6, IPv6 Anycast RP, IPv6 ACL, IPv6 QOS
MPLS	MPLS, VRF, LDP MPLS L3 VPN, MPLS L2 VPN(VPLS), VPWS
ACL	IP ACL, MAC ACL, IP-MAC ACL Standard and Expanded ACL Based on source/destination IP or MAC, IP protocol, TCP/UDP port, DSCP, ToS, IP Precedence), VLAN, Tag/Untag, CoS REDIRECT and accounting-based ACL Rules can be configured to port, VLAN Time ranged ACL
Multicast	IGMP v1/v2/v3, IGMP Proxy, DVMRP, PIM-DM, PIM-SM, PIM-SSM, any cast RP, MSDP, Static Multicast Route, Multicast Receive Control, Illegal Multicast Source Detection

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Key Feature (cont)	
QoS	8 Queues SWRR, SP, WRR, DWRR, SDWRR, WRED Traffic Classification Based on 802.1p CoS, ToS, DiffServ DSCP, ACL, port number Traffic Shaping PRI Mark/Remark
Operation and Maintenance	IEEE 802.1ag Connectivity Fault Management, ITU-T Y.1731 (DM, SLM and Throughput), Microwave Bandwidth Notification, MACSWAP, MPLS Ping /Traceroute, BFD IPv4 & IPv6 Single Hop, BFD IPv4 & IPv6 Multi Hop, Micro-BFD over LAG, TWAMP Reflector, TWAMP Initiator, Port Mirroring
Security	Access control lists, RADIUS for IPv4 and IPv6, SSH v1/v2, MD5 support for routing protocols, Reverse-path forwarding, TACACS+ for IPv4 and IPv6
Network Management	Web GUI/ CLI, SNMP v2c/v3, NETCONF, YANG models, Syslog, RMON, Zero touch provisioning with auto-integration
Data Center Features	VXLANMLAG, VSF (Virtual Switch Framework)

Dimensions and Power	
Dimensions (W x D x H)	440 x 470 x 44 mm, 1U height
Power Consumption	520 Watts (Max) Redundant 1 + 1 PSU modules
Power Requirements	AC 100 ~ 240V, 50/60Hz 100-127V AC/8V; 200-240V AC/4C
Operating	Temperature: 0°C to 65°C Relative Humidity: 5 ~ 95% (non-condensing)
Storage	Temperature: -40 ~ 70 degrees C Relative Humidity: 5 ~ 95% (non-condensing)