LINKSAFE
MLS 3526

LinkSafe MLS 3526 provides Layer 2 and Layer 3 packet forwarding features. With up to 56 Gbps forwarding capability, LinkSafe MLS 3526 is suitable for business or organization of all scales

- Network interfaces include: 22 x 1GE, 2 x 2.5GE and 2 x SFP+ uplinks;
- Size: 1RU;
- 56 Gbps switching capacity;
- Supports L2 switching and L3 routing.

High performance

Access ports with speeds up to 10 Gigabit provide high-bandwidth connectivity for clients, servers, and storage.

Easy to upgrade

Flexibility 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.

Device performance

Content	Value
Switching capability	56 Gbps
MAC address table	32K Entries
ARP table	8K Entries
Routing table	16K Entries (IPv4 + IPv6) 8K
Table ACL	Entries
Jumbo Frame	9 Kbytes.

LINKSAFE MLS 3526

Interface	
Interface	
Ethernet Ports	22 x 1GE
	2 x 2.5GE
	2 x SFP+
Management	1 x RJ45-to-RS232 serial port
	1 x USB 2.0
ports LED	System: PWR/DC/MGMT/SYS
	Ports: LNK/ACT
Layer 2 Function	
Transparent bridging	Auto-learning MAC address / Static learning MAC address
Loop Prevention	STP/RSTP/MSTP
802.1q VLAN	Support 4K VLAN ID, 128 VLAN Active and mode Access/Trunk interface.
Port Mirroring	Rx/Tx/Both Mode
802.1AB Link Layer Discovery Protocol	Enable/Disable mode
Link Aggregation	IEEE 802.3ad LACP/static trunk
QoS	8 priority queues on all switch ports Supports strict priority and Weighted Round Robin (WRR) CoS policies Traffic classification: - IEEE 802.1p CoS/ToS ; IPv4/IPv6 DSCP - Port-based WRR
Multicast	IPv4 IGMP v1/v2/v3 snooping; IPv4 Querier mode support IPv6 MLD v1/v2 snooping; Multicast VLAN Register (MVR) Up to 2K multicast groups (IPv4 + IPv6)
Access Control List	Supports Standard and Expanded ACL; IP-based ACL/MAC-based ACL; Time-based ACL; Up to 1K entries
Authentication	IEEE 802.1x port-based network access control AAA authentication: TACACS+ and IPv4/IPv6 over RADIUS
IPv4 Layer 3 Functions	
IP Routing Protocol	Static route; RIPv1/v2; OSPFv2; BGPv4; Policy-based routing (PBR); LPM routing (MD5 authentication)
Multicast Routing Protocol	IGMP v1/v2/v3 ; DVMRP; PIM-DM/SM; PIM-SSM

|DETAILED FEATURES
LINKSAFE MLS 3526

IPv6 Layer 3 Functions	
IP Routing Protocol	RIPng; OSPFv3; BGPv4+; IPv6 LPM Routing; IPv6 Policy-based Routing (PBR)
Multicast Routing Protocol	PIM-SM/DM for IPv6; MLD for IPv6 (v1); MLDv1/v2; MLD Snooping, 6 to 4 Tunnels; IPv6 Any Cast RP; Multicast receive control; Illegal multicast source detect
Other	ICMPv6, ND, DNSv6
VPN	
IPsec VPN	Mode: LAN-to-LAN and Client-to-LAN; IPsec VPN Encryption: AES-CBC, AES ; GCM-128/192/256, DES, DES; Authentication: MD5, SHA1, Manual, IPsec VPN IKE Key Management Mode ; Supported NAT-Traversal (NAT-T)
Management Features	
Management Interface	Web/CLI/Telnet
Remote Management	Web GUI, NetConf/YANG
Configuration	Export & Import, NTP Synchronize; Syslog Support
Dimensions and Power	
Dimensions (W x D x H)	440 x 240 x 43.6 mm, 1U height
Power Consumption	26 watts/88.66 BTU
Power Requirements	AC 100~240V, 50/60Hz
Operating	Temperature: -10 ~ 70 degrees C Relative Humidity: 5 ~ 90% (non-condensing)
Storage	Temperature: 0 ~ 50 degrees C Relative Humidity: 5 ~ 90% (non-condensing)