



Firmware Change Note

Advanced Line Lite Managed Switch

IE-SW-AL05LM-5TX (Article No. 2682250000)

Version 1.20

June 08, 2026

Feature Enhancements / Updates:

- Improvement of the stability of the system startup behavior.
- Support of new private OIDs for retrieving the firmware version (OID 1.3.6.1.4.1.38187.4.56.1000.3) and initiating a device reboot (OID 1.3.6.1.4.1.38187.4.56.1000.2) via new section 'swOpenVision'.

Note: New OIDs available in downloadable device-specific private MIB file dated from 2026-06-08 or later. They are used by WM network management system u-netops.

- Webpage 'Upgrade Firmware': More detailed upgrading information will be shown during the firmware upgrade process.

Bug Fixes:

- Fix of a Telnet-related security vulnerability (CVE-2025-54860), preventing unexpected system reboot when scanned by newer versions of Nessus.
- Fix of a configuration restore compatibility issue.

Version 1.19

August 09, 2024

Feature Enhancements / Updates:

- Menu Redundancy → RSTP → Information: Parameter 'Device Status' added to clearly signalize the current RSTP role (Root Bridge or Non Root).

Bug Fixes:

- Fix of issue regarding a high CPU load which temporarily could prevent the access to management functions (Web access, Telnet/SSH, Modbus TCP requests). The issue could happen due to a TCP checksum error of small Ethernet frame sizes (< 68 bytes) resulting in a memory buffer decrease.
- Fix of issue "ICMP Timestamp Request Remote Date Disclosure" (CVE-1999-0524).
- Remove of HTTPS TLS/SSL ciphers supporting 3DES encryption.

Version 1.16

Release date: March 14, 2023

Bug Fixes:

- Fix of issue regarding password management (Normally allowed characters ! @ # \$ - _ have not been accepted after applying a changed password). This bug first appeared with firmware V1.15.

Version 1.15

Release date: February 13, 2023

Feature Enhancements / Updates:

- Improvement of password management (Web interface menu "Admin Password"). Passwords now can be seen encrypted or as readable text. Password length adapted to range from 7 to 31 characters with a hint about allowed characters.

Bug Fixes:

- Fix of issue that SNTP caused incorrect syslog format.
- Syslog shows each time when system time is updated by SNTP server.

Version 1.14

Release date: June 28, 2022

Feature Enhancements / Updates:

- Improvement of Web interface appearance.
- Extended information in the Help-Webpages for menus VLAN and Redundancy (O-Ring, Ring Coupling, Dual Homing and O-Chain).
- Provision of new SNMP parameters for checking status data of O-Ring and O-Chain redundancy.
Note: For new SNMP parameters use private MIB file IE-SW-AL05LM-5TX_v114_2022-06-20.mib (or a newer version with higher firmware version number).

Bug Fixes:

- Fix of Dual Homing issue (could lead to a traffic loop).
- Adaption of Modbus Register table (Vendor name and device model name now will be retrieved correctly).

Version 1.12

Release date: November 05, 2021

Bug Fixes:

- Adaption of MAC address table management which could lead to performance decrease.

Version 1.11

Release date: March 17, 2021

- Initial firmware version!