

## Firmware release note of switch series IE-SW-VL08MT

### Affected models:

Device name	Article No.
IE-SW-VL08MT-8TX	1240940000
IE-SW-VL08MT-5TX-1SC-2SCS	1345240000
IE-SW-VL08MT-6TX-2SC	1344770000
IE-SW-VL08MT-6TX-2ST	1240990000
IE-SW-VL08MT-6TX-2SCS	1241020000

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### Version 3.5.36

**Released: May 2025**

#### Bug Fixes:

- Fixed [CVE-2025-41649]: Out-of-bounds write vulnerability. This vulnerability is caused by insufficient input validation, which allows writing data beyond buffer boundaries.
- Fixed [CVE-2025-41650]: Denial-of-Service vulnerability. This vulnerability allows attackers to exploit a service, originally designed for deployment purposes.
- Fixed [CVE-2025-41651]: Missing authentication vulnerability. This vulnerability allows attackers to manipulate device configurations without requiring authentication.
- Fixed [CVE-2025-41652]: Frontend authorization logic disclosure vulnerability. Exploitation of this vulnerability could allow attackers to bypass authentication, perform brute-force or MD5 collision attacks, and gain unauthorized access to sensitive configurations or disrupt services.
- Fixed [CVE-2025-41653]: A specially crafted HTTP message header can lead to denial of service.

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### Version 3.5.34

**Released: February 2025**

#### Bug Fixes:

- Fixed [CVE-2016-2183]: Weak SSL/TLS Key Exchange.
- SNMPv3 encryption key no longer visible when entering via web-interface.

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### Version 3.5.32

**Released: June 2024**

#### Improvements:

- Update OpenSSL 1.0.2k to support TLS v1.2 for accessing switch's web interface via https with current internet browsers.
- Complete serial number (12-digits) will be shown in the web interface now (applicable only from Hardware Revision V 1.4.2).

#### Bug Fixes:

- Fixed the issue of "Set device IP" function sometimes does not answer DHCP Discovery messages sent from a DHCP client, resulting in the client not being able to obtain an IP address.

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### Version 3.5.22

**Released: November 2019**

#### Improvements:

- Switch's web interface can now be accessed encrypted via https
- Added new Search Service protocol (encrypted) to be used with new "Weidmüller Switch Configuration Utility"
- Added Management Interface page to enable/disable Search Service (unencrypted) and Search Service (encrypted) in Main Menu > Basic Settings > Security > Management Interface
- Switch can be addressed via Modbus requests using TCP and UDP protocol

**Version 3.5.2****Released: September 2016****Improvements:**

- Pass the ODVA certification of industrial protocol "EtherNet/IP"
- Pass the PI certification of industrial protocol "PROFINET RT"
- Add some minor SNMP OIDs
- Enhancement of multicast performance
- Elimination of some vulnerability issues
  - Web interface: Ping function in diagnostic menu vulnerable to XSS attack
  - Switch may reboot when using special URL to attack the web user interface.
  - User account privileges could be changed by web developer plug-in of Firefox browser.

**Bug Fixes:**

- Improvement of stability of PROFINET I/O communication
- Configuration import failed if system name was too long
- RSTP function was incompatible with some 3rd party devices
- Wrong counter information of switch packets when displayed in Web interface or when read via SNMP
- Wrong message "Login Authentication failed" has been stored in the log file though login procedure was successful

**Version 3.3.26****Released: February 2016****Improvements:**

- PROFINET protocol automatically activated in factory default settings

**Bug Fixes:**

- Web interface displayed errors under Java 8 environment when opening the monitoring menu (due to new Java security enhancements implemented in version 8).

**Version 3.3.16****Released: April 2014****Improvements:**

- Support of RSTP-2004
- Support of Hybrid VLAN
- Configuration of limitation of Egress rates
- Unknown unicast filtering
- CPU loading monitoring
- Change IP without reboot
- DHCP Discover retry configuration
- GARP timer adjustment
- Loop-protection
- Link Fault Shutdown (Disable mode in "Rate Limit" function)
- Implementation of industrial protocol "EtherNet/IP"
- Implementation of industrial protocol "PROFINET RT"

**Bug Fixes:**

- Switch reboots when receiving IGMP v3 packets (commonly used in Windows 7)

**Version 2.7.30****Released: August 2013****Improvements:**

- Function IGMP snooping added
- Function IEEE 802.1Q VLAN added

**Version 2.7.24****Released: April 2011**

- First release