

## Firmware release notes 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

---

### Version 3.5.38

Released: February 2026

#### Bug Fixes:

- Password unknown after config import.
- Cold start caused by HTTP access (when configured as HTTPs only).

#### Improvements:

- Enhance task freeze detection mechanism.
- Lengthen task freeze examination time to 120s to reduce chances of triggering watchdog.

---

### 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.

---

### 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.

---

### 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.

---

**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