Weidmüller ƎE

Firmware release notes of switch series IE-SW-PL08M

Affected models:

Device name	Article No.
IE-SW-PL08M-8TX	1241040000
IE-SW-PL08MT-8TX	1286780000
IE-SW-PL08M-6TX-2SC	1241070000
IE-SW-PL08MT-6TX-2SC	1286790000
IE-SW-PL08M-6TX-2ST	1241080000
IE-SW-PL08MT-6TX-2ST	1286800000
IE-SW-PL08M-6TX-2SCS	1241090000
IE-SW-PL08MT-6TX-2SCS	1286810000

General upgrade Information:

Upgrading from older versions to latest firmware Version 3.3.16 generally can be done without any impacts regarding the currently set switch configuration.

Version 3.3.16   **Released: November 2019**

New features:
- 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

Improvements:
- Switch can be addressed via Modbus requests using TCP and UDP protocol

Bug Fixes:
- Fixed a bug regarding DCP handling. PROFINET device name was deleted after Switch was reset to factory settings in TIA portal
- Fixed a bug regarding PROFINET I/O Topology error when using Turbo Ring v2

Version 3.3.8   **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
- 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 3.3.6   **Released: February 2016**

New features: 2 / 2
- Support of RSTP-2004
- Support Hybrid VLAN
- RADIUS and TACACS+ for user login authentication
- RADIUS for 802.1x port authentication
- 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 SNMP-Trap (private) for loop protection

- Implementation of industrial protocol "EtherNet/IP"
- Implementation of industrial protocol "PROFINET RT"

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).
- Configuration import failed if system name was too long
- Login authentication failed if the radius server did not support privilege levels assignment
- Switch reboots when receiving IGMP v3 packets (commonly used in Windows 7)
- Wrong message "Login Authentication failed" has been stored in the log file though login procedure was successful
- Firmware upgrade failed when RADIUS authentication (IEEE 802.1x) was enabled

Version 2.6.24   **Released: April 2011**

- First release