

Firmware release notes of switch series IE-SW-PL09M

Affected models:

Device name	Article No.
IE-SW-PL09M-5GC-4GT	1241370000
IE-SW-PL09MT-5GC-4GT	1287020000

General upgrade Information:

Upgrading from older versions to latest firmware Version 3.3.20 generally can be done without any impacts regarding the currently set switch configuration.

Version 3.3.20

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

Version 3.3.20

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 user 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 IO 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
- Radius based login authentication failed if the Radius server did not support privileged levels assignment

Version 3.3.0**Released: February 2016****New features:**

- Support of RSTP-2004
 - Support of Hybrid VLAN
 - RADIUS and TACACS+ for user login authentication
 - RADIUS for 802.1x port authentication
 - Configuration of limitation of Egress rates
 - Filtering of packets with unknown unicast addresses
 - 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 functionality to read diagnostic values of DDM-SFP-transceivers via private MIB-file
 - Additional support of 3rd party SFP transceivers
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- 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).
- Displaying inaccurate values when reading DDM SFP transceiver diagnostic data
- Switch may reboot when using special DHCP discovery packet with multicast-type source MAC address.
- Potential of abnormal multicast transmission when enabling IGMP Snooping
- Radius based login authentication failed if the Radius server did not support privileged levels assignment
- Firmware upgrade failed when RADIUS authentication (IEEE 802.1x) was enabled
- Switch reboots when receiving IGMP v3 packets (commonly used in Windows 7)

Version 2.6.18**Released: April 2011**

- First version