



## Firmware for PT-510 Series Release Notes

<b>Version: v3.8</b>	<b>Build: N/A</b>
<b>Release Date: May 25, 2017</b>	

### Applicable Products

PT-510-3S-SC-24, PT-510-3S-SC-48, PT-510-3S-SC-HV, PT-510-4M-ST-24, PT-510-4M-ST-48, PT-510-4M-ST-HV, PT-510-MM-LC-24, PT-510-MM-LC-48, PT-510-MM-LC-HV, PT-510-MM-SC-24, PT-510-MM-SC-48, PT-510-MM-SC-HV, PT-510-MM-ST-24, PT-510-MM-ST-48, PT-510-MM-ST-HV, PT-510-SS-LC-24, PT-510-SS-LC-48, PT-510-SS-LC-HV, PT-510-SS-SC-24, PT-510-SS-SC-48, PT-510-SS-SC-HV

### Supported Operating Systems

N/A

### New Features

N/A

### Enhancements

- Added warning message when default password was not changed.
- Encrypted security keys in user interface.
- Enhanced RSTP compatibility.

### Bugs Fixed

- Cross-site scripting vulnerability.
- Denial of service attack vulnerability.
- Privilege escalation vulnerability.
- SSL v2/v3 vulnerability in HTTPS.
- Web console cannot be accessed when the SNMP get bulk service is running.
- Enhanced RSTP compatibility.
- Specific CLI command caused the switch to reboot with default settings.
- Adding a new VLAN will changed IGMP querier state from disable to enable.
- Cannot save configurations to the ABC-01 via IE browser.
- Corrected RSTP auto-edge behavior.
- Rate limit cannot be set in web UI.
- PTP timestamp error in announce message.
- Display issue with JAVA applet.
- Telnet hangs when SSH is disabled.
- Corrected authorization of Radius/TACACS+ login.

### Changes

N/A

### Notes

N/A



<b>Version: v3.5</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

PT-510-3S-SC-24, PT-510-3S-SC-48, PT-510-3S-SC-HV, PT-510-4M-ST-24, PT-510-4M-ST-48, PT-510-4M-ST-HV, PT-510-MM-LC-24, PT-510-MM-LC-48, PT-510-MM-LC-HV, PT-510-MM-SC-24, PT-510-MM-SC-48, PT-510-MM-SC-HV, PT-510-MM-ST-24, PT-510-MM-ST-48, PT-510-MM-ST-HV, PT-510-SS-LC-24, PT-510-SS-LC-48, PT-510-SS-LC-HV, PT-510-SS-SC-24, PT-510-SS-SC-48, PT-510-SS-SC-HV

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Added web interface for loop-protection enable/disable.
- Added web interface for SSH/SSL key generation.
- Added web interface and CLI for multiport mirroring.
- Added SNMP MIB for SFP DDM.
- Added web interface/CLI/SNMP for NTP/SNTP client settings enable/disable independently.

### **Bugs Fixed**

- Failed to log in using CLI mode when the password contained a special character.
- Hybrid VLAN lacked SNMP MIB object.
- SFP DDM display inaccurate value.
- IEEE 1588 PTP cannot function correctly.
- The system restricts to import configuration if system name is too long.
- Login authentication failed if the radius server does not support privilege levels assignment.
- DIP switch coupler On/Off is malfunction.

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v3.1</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

PT-510-3S-SC-24, PT-510-3S-SC-48, PT-510-3S-SC-HV, PT-510-4M-ST-24, PT-510-4M-ST-48, PT-510-4M-ST-HV, PT-510-MM-LC-24, PT-510-MM-LC-48, PT-510-MM-LC-HV, PT-510-MM-SC-24, PT-510-MM-SC-48, PT-510-MM-SC-HV, PT-510-MM-ST-24, PT-510-MM-ST-48, PT-510-MM-ST-HV, PT-510-SS-LC-24, PT-510-SS-LC-48, PT-510-SS-LC-HV, PT-510-SS-SC-24, PT-510-SS-SC-48, PT-510-SS-SC-HV

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Passed ODVA EtherNet/IP certificate.
- Added some minor SNMP OIDs.
- Enhanced multicast performance.
- Added version number in MIB file.

### **Bugs Fixed**

- NTP could not synchronize time in default settings.
- NTP client function did not work with Windows XP NTP server.
- Firmware Upgrade Failed when IEEE 802.1x was enabled.
- The switch rebooted when receiving IGMP v3 packets (commonly used in Windows 7).

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v3.0</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

PT-510-3S-SC-24, PT-510-3S-SC-48, PT-510-3S-SC-HV, PT-510-4M-ST-24, PT-510-4M-ST-48, PT-510-4M-ST-HV, PT-510-MM-LC-24, PT-510-MM-LC-48, PT-510-MM-LC-HV, PT-510-MM-SC-24, PT-510-MM-SC-48, PT-510-MM-SC-HV, PT-510-MM-ST-24, PT-510-MM-ST-48, PT-510-MM-ST-HV, PT-510-SS-LC-24, PT-510-SS-LC-48, PT-510-SS-LC-HV, PT-510-SS-SC-24, PT-510-SS-SC-48, PT-510-SS-SC-HV

### **Supported Operating Systems**

N/A

### **New Features**

- RSTP-2004.
- MSTP.
- NTP Server/Client.
- SW 1588 PTPv2.
- CLI.
- Ethernet/IP.
- Hybrid VLAN.
- Radius/TACACS+ for both login access and port authentication.
- Egress rate limit.
- Unknown unicast filtering.
- CPU loading.
- Change IP address without rebooting.
- DHCP Discover retries forever, or retries for a period of time.
- GARP timer adjustment.
- Loop-protection.
- Link Fault Shutdown.

### **Enhancements**

N/A

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v2.6</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

PT-510-3S-SC-24, PT-510-3S-SC-48, PT-510-3S-SC-HV, PT-510-4M-ST-24, PT-510-4M-ST-48, PT-510-4M-ST-HV, PT-510-MM-LC-24, PT-510-MM-LC-48, PT-510-MM-LC-HV, PT-510-MM-SC-24, PT-510-MM-SC-48, PT-510-MM-SC-HV, PT-510-MM-ST-24, PT-510-MM-ST-48, PT-510-MM-ST-HV, PT-510-SS-LC-24, PT-510-SS-LC-48, PT-510-SS-LC-HV, PT-510-SS-SC-24, PT-510-SS-SC-48, PT-510-SS-SC-HV

### **Supported Operating Systems**

N/A

### **New Features**

- First Release for PT-510 Series.
- Supports TurboPack™ 2009 (added new functions for Turbo Chain, IPv6, Modbus/TCP, IEEE 1588 PTP, SNMP Inform, LLDP, DHCP Option 82, Firefox, and SSH).

### **Enhancements**

N/A

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

N/A