



## Firmware for PT-7728 Series (PTP models) Release Notes

<b>Version:</b> v3.6	<b>Build:</b> N/A
<b>Release Date:</b> Jan 23, 2019	

### Applicable Products

N/A

### Supported Operating Systems

N/A

### New Features

Update local system time from 1588v2 time source when 1588v2 feature is enabled

### Enhancements

- Configurable IEC 62439-3 supervision frame
- Warning message when default password was not changed
- Encrypt security keys in user interface
- Enhance 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 due to SNMP GETBULK
- Specific CLI command causes switch to reboot with default settings
- Adding a new VLAN changes IGMP querier state from disable to enable
- Saving configurations to ABC-01 cannot be performed via IE browser
- Correct RSTP auto-edge behavior
- Rate limit cannot be set in web UI
- PTP timestamp error in announce message
- Ports on slot 4 return to default settings after the system reboots

### Changes

- Remove PTP in IEC 61850 QoS spec

### Notes

This firmware is only compatible with PT-7728-PTP hardware version 3.0 or later



<b>Version: v3.5</b>	<b>Build: Build_16062717</b>
<b>Release Date: Sep 07, 2016</b>	

### **Applicable Products**

PT-7728-PTP-R-48-48, PT-7728-PTP-R-HV, PT-7728-PTP-R-HV-HV, PT-7728-PTP-F-24, PT-7728-PTP-F-24-24, PT-7728-PTP-F-24-HV, PT-7728-PTP-F-48, PT-7728-PTP-F-48-48, PT-7728-PTP-F-HV, PT-7728-PTP-F-HV-HV, PT-7728-PTP-R-24, PT-7728-PTP-R-24-24, PT-7728-PTP-R-24-HV, PT-7728-PTP-R-48

### **Supported Operating Systems**

N/A

### **New Features**

- PRP/HSR function.
- RSTP Grouping function.
- Hardware one step PTP function.
- Power profile in PTP.
- Note: The above functions are only workable when PM-7200-4GTX-PHR-PTP or PM-7200-4GSFP-PHR-PTP are installed.

### **Enhancements**

N/A

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

- The Firmware is only compatible with PT-7728-PTP hardware version 3.0 or later.



<b>Version: v2.7</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

PT-7728-PTP-F-48-48, PT-7728-PTP-F-48-HV, PT-7728-PTP-F-HV, PT-7728-PTP-F-HV-HV, PT-7728-PTP-R-24, PT-7728-PTP-R-24-24, PT-7728-PTP-R-24-48, PT-7728-PTP-R-24-HV, PT-7728-PTP-R-48, PT-7728-PTP-R-48-48, PT-7728-PTP-R-48-HV, PT-7728-PTP-R-HV, PT-7728-PTP-R-HV-HV, PT-7728-PTP-F-24, PT-7728-PTP-F-24-24, PT-7728-PTP-F-24-48, PT-7728-PTP-F-24-HV, PT-7728-PTP-F-48

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

N/A

### **Bugs Fixed**

- Fixed IGMP snooping issue in the Turbo Ring and Turbo Chain environment.

### **Changes**

- Removed IEEE 1588 one step E2E TC mode.

### **Notes**

N/A



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

### **Applicable Products**

PT-7728-PTP-F-48-48, PT-7728-PTP-F-48-HV, PT-7728-PTP-F-HV, PT-7728-PTP-F-HV-HV, PT-7728-PTP-R-24, PT-7728-PTP-R-24-24, PT-7728-PTP-R-24-48, PT-7728-PTP-R-24-HV, PT-7728-PTP-R-48, PT-7728-PTP-R-48-48, PT-7728-PTP-R-48-HV, PT-7728-PTP-R-HV, PT-7728-PTP-R-HV-HV, PT-7728-PTP-F-24, PT-7728-PTP-F-24-24, PT-7728-PTP-F-24-48, PT-7728-PTP-F-24-HV, PT-7728-PTP-F-48

### **Supported Operating Systems**

N/A

### **New Features**

- First release for the PT-7728-PTP Series.
- Supports TurboPack™ 2009 (add 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