

**Software Name:** Firmware for PT-7528 Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
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v4.0	Build_17113010	N/A	PT-7528-20MSC-4TX-4GSFP-WV, PT-7528-20MSC-4TX-4GSFP-WV/KC, PT-7528-20MSC-4TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-WV-WV/KC, PT-7528-20MST-4TX-4GSFP-HV, PT-7528-20MST-4TX-4GSFP-HV/KC, PT-7528-20MST-4TX-4GSFP-HV-HV, PT-7528-20MST-4TX-4GSFP-HV-HV/KC, PT-7528-20MST-4TX-4GSFP-WV, PT-7528-20MST-4TX-4GSFP-WV/KC, PT-7528-20MST-4TX-4GSFP-WV-WV, PT-7528-20MST-4TX-4GSFP-WV-WV/KC, PT-7528-8MSC-16TX-4GSFP-HV, PT-7528-8MSC-16TX-4GSFP-HV-HV, PT-7528-8MSC-16TX-4GSFP-WV, PT-7528-8MSC-16TX-4GSFP-WV-WV, PT-7528-8MST-16TX-4GSFP-HV, PT-7528-8MST-16TX-4GSFP-HV-HV, PT-7528-8MST-16TX-4GSFP-WV, PT-7528-8MST-16TX-4GSFP-WV-WV, PT-7528-8SSC-16TX-4GSFP-HV-HV, PT-7528-8SSC-16TX-4GSFP-WV-WV, PT-7528-24TX-HV, PT-7528-24TX-HV-HV, PT-7528-24TX-WV, PT-7528-24TX-WV-HV, PT-7528-12MSC-12TX-4GSFP-HV, PT-7528-12MSC-12TX-4GSFP-HV-HV, PT-7528-12MSC-12TX-4GSFP-WV, PT-7528-12MSC-12TX-4GSFP-WV-WV, PT-7528-12MST-	<p><b>New Features:</b></p> <p>1.Add configuration file encryption setting</p> <p><b>Enhancements:</b></p> <p>1. Two new writable MMS attributes for switch description:                      1)LPHD1\$DC\$PhyNam\$model                      2)LPHD1\$DC\$PhyNam\$location</p>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>Stack-based buffer overflow vulnerability.</li> <li>Risky cryptographic algorithm vulnerability.</li> <li>Hard-coded cryptographic key vulnerability.</li> <li>Hard-coded password vulnerability.</li> <li>RSTP 40 nodes failed issue.</li> <li>The switch name description changed and caused the configuration import to fail.</li> <li>Turbo Ring v1 failed on firmware v3.8.</li> <li>Removed misplaced UI config: IEEE 1588v2 E2E 1-step.</li> </ol> <p><b>Changes:</b></p> <p>N/A</p>	<p>1. Firmware v4.0 and later are compatible with all hardware revisions of the PT-7528 Series.</p>

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v3.8	Build_17041116	N/A	PT-7528-20MSC-4TX-4GSFP-WV, PT-7528-20MSC-4TX-4GSFP-WV/KC, PT-7528-20MSC-4TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-WV-WV/KC, PT-7528-20MST-4TX-4GSFP-HV, PT-7528-20MST-4TX-4GSFP-HV/KC, PT-7528-20MST-4TX-4GSFP-HV-HV, PT-7528-20MST-4TX-4GSFP-HV-HV/KC, PT-7528-20MST-4TX-4GSFP-WV, PT-7528-20MST-4TX-4GSFP-WV/KC, PT-7528-20MST-4TX-4GSFP-WV-WV, PT-7528-20MST-4TX-4GSFP-WV-WV/KC, PT-7528-8MSC-16TX-4GSFP-HV, PT-7528-8MSC-16TX-4GSFP-HV-HV, PT-7528-8MSC-16TX-4GSFP-WV, PT-7528-8MSC-16TX-4GSFP-WV-WV, PT-7528-8MST-16TX-4GSFP-HV, PT-7528-8MST-16TX-4GSFP-HV-HV, PT-7528-8MST-16TX-4GSFP-WV, PT-7528-8MST-16TX-4GSFP-WV-WV, PT-7528-8SSC-16TX-4GSFP-HV-HV, PT-7528-8SSC-16TX-4GSFP-WV-WV, PT-7528-24TX-HV, PT-7528-24TX-HV-HV, PT-7528-24TX-WV, PT-7528-24TX-WV-HV, PT-7528-12MSC-12TX-4GSFP-HV, PT-7528-12MSC-12TX-4GSFP-HV-HV, PT-7528-12MSC-12TX-4GSFP-WV, PT-7528-12MSC-12TX-4GSFP-WV-WV, PT-7528-12MST-	<p><b>New Features:</b> N/A</p> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>Added warning message when the default password was not changed.</li> <li>Encrypted security keys in user interface.</li> <li>Enhanced RSTP compatibility.</li> </ol>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>Cross-site scripting vulnerability.</li> <li>Denial of service attack vulnerability.</li> <li>Privilege escalation vulnerability.</li> <li>SSL v2/v3 vulnerability in HTTPS.</li> <li>Web console cannot be accessed when the SNMP get bulk service is running.</li> <li>Specific CLI command caused the switch to reboot with default settings.</li> <li>Added a new VLAN will change IGMP querier state from disable to enable.</li> <li>Corrected RSTP auto-edge behavior.</li> <li>Rate limit could not be set in web UI.</li> <li>PTP timestamp error in announce message.</li> <li>Removed 1588v2 PTP message of IEC 61850 QoS.</li> <li>Telnet hangs when SSH is disabled.</li> <li>Correct RSTP edge definition in exported configuration file.</li> <li>Correct Radius/TACACS+ authorization login.</li> </ol> <p><b>Changes:</b> N/A</p>	<ol style="list-style-type: none"> <li>Firmware v3.8 and prior are only compatible with hardware revisions PT-7528-TX V2.0.1 and before; PT-7528-FX V1.0.1 and before.</li> </ol>

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v3.6	Build_15060211	N/A	PT-7528-20MSC-4TX-4GSFP-WV, PT-7528-20MSC-4TX-4GSFP-WV/KC, PT-7528-20MSC-4TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-WV-WV/KC, PT-7528-20MST-4TX-4GSFP-HV, PT-7528-20MST-4TX-4GSFP-HV/KC, PT-7528-20MST-4TX-4GSFP-HV-HV, PT-7528-20MST-4TX-4GSFP-HV-HV/KC, PT-7528-20MST-4TX-4GSFP-WV, PT-7528-20MST-4TX-4GSFP-WV/KC, PT-7528-20MST-4TX-4GSFP-WV-WV, PT-7528-20MST-4TX-4GSFP-WV-WV/KC, PT-7528-8MSC-16TX-4GSFP-HV, PT-7528-8MSC-16TX-4GSFP-HV-HV, PT-7528-8MSC-16TX-4GSFP-WV, PT-7528-8MSC-16TX-4GSFP-WV-WV, PT-7528-8MST-16TX-4GSFP-HV, PT-7528-8MST-16TX-4GSFP-HV-HV, PT-7528-8MST-16TX-4GSFP-WV, PT-7528-8MST-16TX-4GSFP-WV-WV, PT-7528-8SSC-16TX-4GSFP-HV-HV, PT-7528-8SSC-16TX-4GSFP-WV-WV, PT-7528-24TX-HV, PT-7528-24TX-HV-HV, PT-7528-24TX-WV, PT-7528-24TX-WV-HV, PT-7528-24TX-WV-WV, PT-7528-12MSC-12TX-4GSFP-HV, PT-7528-12MSC-12TX-4GSFP-HV-HV, PT-7528-12MSC-12TX-4GSFP-WV, PT-7528-12MSC-12TX-4GSFP-WV-WV, PT-7528-12MST-	<p><b>New Features:</b> N/A</p> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>Supports MXview.</li> <li>MMS data modeling support Fiber Check info.</li> <li>Added 100FX Ports Disable function.</li> </ol>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>Fixed Java 7 Java Applet Certification problem.</li> <li>Fixed SFP plug-in fail issue.</li> </ol> <p><b>Changes:</b> N/A</p>	<ol style="list-style-type: none"> <li>Firmware v3.6 and lower are only compatible with the following hardware revisions PT-7528-TX V2.0.1 and lower, and PT-7528-FX V1.0.1 and lower.</li> </ol>

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v3.5	N/A	N/A	PT-7528-20MSC-4TX-4GSFP-WV, PT-7528-20MSC-4TX-4GSFP-WV/KC, PT-7528-20MSC-4TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-WV-WV/KC, PT-7528-20MST-4TX-4GSFP-HV, PT-7528-20MST-4TX-4GSFP-HV/KC, PT-7528-20MST-4TX-4GSFP-HV-HV, PT-7528-20MST-4TX-4GSFP-HV-HV/KC, PT-7528-20MST-4TX-4GSFP-WV, PT-7528-20MST-4TX-4GSFP-WV/KC, PT-7528-20MST-4TX-4GSFP-WV-WV, PT-7528-20MST-4TX-4GSFP-WV-WV/KC, PT-7528-8MSC-16TX-4GSFP-HV, PT-7528-8MSC-16TX-4GSFP-HV-HV, PT-7528-8MSC-16TX-4GSFP-WV, PT-7528-8MSC-16TX-4GSFP-WV-WV, PT-7528-8MST-16TX-4GSFP-HV, PT-7528-8MST-16TX-4GSFP-HV-HV, PT-7528-8MST-16TX-4GSFP-WV, PT-7528-8MST-16TX-4GSFP-WV-WV, PT-7528-8SSC-16TX-4GSFP-HV-HV, PT-7528-8SSC-16TX-4GSFP-WV-WV, PT-7528-24TX-HV, PT-7528-24TX-HV-HV, PT-7528-24TX-WV, PT-7528-24TX-WV-HV, PT-7528-12MSC-12TX-4GSFP-HV, PT-7528-12MSC-12TX-4GSFP-HV-HV, PT-7528-12MSC-12TX-4GSFP-WV, PT-7528-12MSC-12TX-4GSFP-WV-WV, PT-7528-12MST-	<p><b>New Features:</b> N/A</p> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>Added MSC/SSC module information.</li> <li>Modified link change detection mechanism.</li> <li>Modified Turbo Chain sending TCN packet frequency.</li> </ol>	<p><b>Bugs Fixed:</b> N/A</p> <p><b>Changes:</b> N/A</p>	<p>1. Firmware v3.5 and lower versions are only compatible with the following hardware revisions PT-7528-TX V2.0.1 and lower, and PT-7528-FX V1.0.1 and lower.</p>



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v3.0	N/A	N/A	PT-7528-20MST-4TX-4GSFP-WV-HV, PT-7528-8MST-16TX-4GSFP-WV-HV, PT-7528-12MST-12TX-4GSFP-WV-HV, PT-7528-16MST-8TX-4GSFP-WV-HV	<b>New Features:</b> N/A  <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> N/A  <b>Changes:</b> N/A	1. Firmware v3.0 and lower versions are only compatible with the following hardware revisions PT-7528-TX V2.0.1 and lower, and PT-7528-FX V1.0.1 and lower.