



Firmware for PT-G7828 Series Release Notes

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|-----------------------------------|------------------------------|
| Version: v6.2 | Build: Build_21122316 |
| Release Date: Feb 11, 2022 | |

Applicable Products

PT-G7828 Series

Supported Operating Systems

N/A

New Features

- Supports IEC 62439-2 Media Redundancy Protocol (MRP).
- Supports IEEE 1588 PTP power profile: IEEE C37.238-2011, IEEE C37.238-2017, and IEC 61850-9-3-2016.
- Users can configure the time accuracy threshold.
- The PTP synchronization status is displayed on the WebGUI.
- Users can customize the Switch Name in the ICD file.
- The MMS function now supports four more events (Trigger Option), which users can receive notifications about.
- Users can download the Configured IED Description (CID) file.
- Users can configure Unaware VLANs on the PT-G7728 Series.

Enhancements

- Supports TLS 1.2.

Bugs Fixed

- When the device has enabled the Modbus TCP/IP protocol, the transmission status of RSTP was incorrect.
- There were no follow-up packets sent to the device ports when tuning the synchronization mechanism to fix an error.
- Under certain circumstances, a GOOSE Application Identifier settings error for GOOSE Check would cause error notification packet flooding.

Changes

N/A

Notes

N/A



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|-----------------------------------|------------------------------|
| Version: v5.7 | Build: Build_20062913 |
| Release Date: Jul 03, 2020 | |

Applicable Products

PT-G7828 Series

Supported Operating Systems

N/A

New Features

- Supports the following modules: PWR-HV-NP and PWR-LV-NP.

Enhancements

- The SSH connection supports timeout to avoid occupying the console task.

Bugs Fixed

- The Fiber Check function required frequent internal hardware communication, which resulted in the CPU usage being too high.
- Fixed the memory leak issue of HTTPS.

Changes

N/A

Notes

N/A



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|-----------------------------------|------------------------------|
| Version: v5.6 | Build: Build_20031813 |
| Release Date: Apr 08, 2020 | |

Applicable Products

PT-G7828 Series

Supported Operating Systems

N/A

New Features

- Supports the following modules: LM-7000H-4TX and LM-7000H-4PoE.
- Supports modifying the IED name to allow it to integrate with Power SCADA.
- Supports Transport Layer Security (TLS) Protocol Version 1.2.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



| | |
|-----------------------------------|-------------------|
| Version: v5.5 | Build: N/A |
| Release Date: Oct 24, 2019 | |

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

- Supports advanced GOOSE check functions.

Enhancements

- Supports newline in Switch location/Web Login Message/Login Authentication Failure Message.

Bugs Fixed

- Fixed the login issue when using Chrome 65.0.
- Fixed RSTP Grouping import failure.
- Fixed RSTP and Dual homing issue.
- Fixed NTP 2 server sync issue.
- Fixed configuration import issue when HTTP is disabled.

Changes

N/A

Notes

N/A



| | |
|-----------------------------------|------------------------------|
| Version: v5.4 | Build: Build_18032315 |
| Release Date: Feb 26, 2019 | |

Applicable Products

PT-G7828

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

Fixed ptp packet forwarding mechanism when Power Profile is configured

Changes

N/A

Notes

N/A



| | |
|-----------------------------------|------------------------------|
| Version: v5.3 | Build: Build_17091117 |
| Release Date: Jan 12, 2018 | |

Applicable Products

PT-G7828

Supported Operating Systems

N/A

New Features

First Release:

following the major new function

- Moxa standard L2 features (Except Profinet)
- All Turbo Pack 3 features
- 1588 PTP design (1-Step / 2-Step, BC/TC, P2P / E2E, Default Profile / Power Profile)
- RSTP Grouping, 61850 QoS, MMS, GOOSE Check- Dying Gasp

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A