K12.167 Firmware

Release notes

Version: K12.167

Build date: 2025/3/21, 2025/3/24, 2025/3/25, 2025/3/26, 2025/4/2, 2025/4/23, 2025/4/29, 2025/5/2 and 2025/6/13, depending on the model.

Release date: 2025/5/9

■ **[Supported model] :**

- **Build date:2025/3/21**
  RGS-9168GCP, RGS-9168GCP-E, IGS-9822DGP+, RGS-9244GP
- **Build date:2025/3/24**
  IGPS-P9084GP-LA, IGS-9168GP, IGS-9812GP, IGS-P9164GC-HV, IGS-P9164GC-LV, IGS-P9812GP-HV, IGS-P9812GP-LV, RES-9242GC, RES-P9242GCL-HV, RES-P9242GCL-L, RGPS-9244GP-LP-HV, RGPS-92222GCP-NP-P, RGPS-92222GCP-NP-LP, RGS-92222GCP-NP, RGS-92222GCP-NP-E, RGS-P9160GCM1-LV, RGS-P9160GCM1-HV, TGPS-9084GT-M12X-BP2-WV, TGPS-W9082GF-MM-M12X-QS-MV, RGS-R9244GP+, RGS-R9244GP+-E, IGS-9084GP-FB2, IGS-9122GP, IGS-P9164FX-MM-SC-HV, IGS-P9164FX-MM-SC-LV, IGS-P9164FX-SS-SC-HV, IGS-P9164FX-SS-SC-LV, IGS-P9164GF-MM-SC-HV, GS-P9164GF-MM-SC-LV, TGPS-9168GT-M12-BP2-24V, TGPS-W9124GT-M12X-BP2-WV, TGS-W9160-M12X-BP2-WV, TPS-W9124GT-M12X-BP2-24V
- **Build date:2025/3/25**
  IGPS-9084GP-LA-24V, RGS-PR9000, TGPS-9084GT-24V-Series,
- **Build date:2025/3/26**
  IGS-9084GP-LA
- **Build date:2025/4/2**
  RGS-P9000-HV, RGS-P9000-LV
- **Build date:2025/4/18**
  RGPS-92222GCP-NP, RGPS-92222GCP-NP-P-E
- **Build date:2025/4/23**
  RGPS-R9244GP+-LP, RGPS-R9244GP+-LP, RES-P9242GCL series
- **Build date:2025/4/29**
  RGS-9168GCP-E
- **Build date:2025/5/2**
  IGPS-9084GP-LA
- **Build date:2025/5/14**
  IGS-R9812GP
- **Build date:2025/5/27**

TES-W9124GT-M12X-BP2-24V

- **Build date:2025/6/12**

  TGPS-9164GT-24V-Series

- **Build date:2025/6/13**

  IGS-P9164GF-SS-SC-LV

- **Build date:2025/11/27**

  RGS-9244GP-E

■ **[Note]:**

N/A

■ **[Security updated] :**

- Fixed a security issue where improper Ethernet frame padding could expose residual memory data (Etherleak, CVE-2003-0001). Zero-padding is now enforced to prevent information leakage.
- Addressed a vulnerability where the device responded to ICMP Timestamp Requests, potentially disclosing system date and time information to remote attackers. ICMP Timestamp Replies are now disabled by default to enhance security.

■ **[New Feature] :**

- MMS Feature Enhancements (IEC 61850 Related): (only supported on IEC61850-3-series models)
  - ◆ Supported configuration of IED Name, which serves as the unique technical key (identifier) for MMS communication.
  - ◆ Added support for Report Control Block Attributes (also known as Trigger Options) to determine when MMS data is transmitted from the Ethernet switch (server) to the SAS (client), in accordance with IEC 61850 standards.
  - ◆ Implemented CID File Export functionality, allowing users to export the current CID file at any time. This supports interoperability with IEC 61850-based systems and SCL file types such as ICD, IID, and others.

■ **[Enhancement] :**

- Change the "Save" button on each function page to "Apply." To save the settings, please go to the "Save" page.
- Updated help documentation to specify VLAN configuration restrictions.
- PTP support Power IEEE1588 C37.238-2017 profile.
- Support SNMP trap & private MIB for power 1/2 status.

■ **[Bug fixed] :**

- Resolved a malfunction of the DBU-01 feature on certain models.

- Fixed an issue where the PTP system time was not synchronized with the PTP time when operating in E2E (End-to-End) or P2P (Peer-to-Peer) mode.
- Fixed an EtherNet/IP issue where the IP address in the physical module did not match the address shown in the general properties.
- Fixed an issue where the syslog timestamp became unstable after enabling the NTP function.
- Revised the command structure for O-Ring and O-Chain to reduce command dependency and resolve initialization order issues during bootup and configuration restore.
- Adjust port mapping and front panel layout for certain models.
- Resolved a reboot loop issue triggered after saving modified MMS settings and rebooting the device.
- Resolved compatibility issues with user accounts following firmware upgrade.
- Resolved SNMP error messages appearing on console at boot time.
- Resolve the issue with the stability of O-Ring operation.
- Resolve the issue where the 10G SFP port cannot establish a proper link when connected to a Palo Alto firewall.
- Resolve the issue where the port description does not revert to default after performing factory defaults.