S12.167 Firmware

Release notes

Version: S12.167

Build date: 2025/3/21, 2025/3/25, 2025/3/26, 2025/4/2, 2025/4/18, 2025/4/29 and 2025/5/2, depending on the model.

Release date: 2025/5/9

- **[Supported model] :**
  - **Build date:2025/3/21**
    RGS-PR9000
  - **Build date:2025/3/25**
    IGS-9168GP, IGS-9812GP, IGS-P9164GC-HV, IGS-P9164GC-LV, IGS-P9812GP-HV, IGS-P9812GP-LV, RES-P9242GCL-HV, RES-P9242GCL-L, RGPS-9244GP-LP-HV, RGS-9168GCP, RGS-P9160GCM1-LV, RGS-P9160GCM1-HV, TGPS-9084GT-M12X-BP2-WV, TGPS-W9082GF-MM-M12X-QS-MV, RGS-R9244GP+, RGS-R9244GP+-E
  - **Build date:2025/3/26**
    IGPS-9084GP-LA-24V, IGPS-P9084GP-LA, IGS-9084GP-LA, RES-9242GC, RGPS-92222GCP-NP-P, RGPS-92222GCP-NP-LP, RGS-92222GCP-NP, RGS-92222GCP-NP-E
  - **Build date:2025/4/2**
    RGS-P9000-HV, RGS-P9000-LV
  - **Build date:2025/4/18**
    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
- **[Note]:**
  - The initial official release of the S12 firmware complies with the IEC 62443-4-2 security standard.
- **[Security updated] :**
  - **Password Policy Configuration**
    Enables administrators to define configurable password strength rules, helping organizations strike a balance between security and usability. This improves protection against cyber threats while maintaining user convenience.
  - **Group Privilege Level**
    Introduces configurable group-based (role-based) user accounts, allowing

for enhanced access control, simplified user management, improved operational efficiency, and better compliance.

· **Account Lockout**

Protects against brute-force attacks by locking user accounts after a predefined number of failed login attempts, preventing unauthorized access.

· **Audit Log**

Maintains a comprehensive record of system activities, user actions, and security-related events, supporting accountability and traceability.

· **Auto Logout Configuration**

Enhances security by automatically logging out inactive users after a specified period of inactivity, minimizing the risk of unauthorized access.

· **Concurrent Session Control**

Limits each user to a single active session. Any new login will automatically terminate the previous session, ensuring session integrity and preventing account sharing.

· **System Banner Configuration**

Allows customization of the login banner message to clearly inform users that unauthorized access is prohibited and may lead to legal consequences. The system also restricts access to a maximum of five concurrent logins.

■ **[New Feature] :**

N/A

■ **[Enhancement] :**

N/A

■ **[Bug fixed] :**

N/A