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Version 2.9.12 (v2.9.12.0)

Date

2026-01-30

New Features

- Supported XPass Q2 (XPQ2-DB, XPQ2-APB)
- Supported BioStation 3 Max (BS3M-DB, BS3M-APB, BS3M-ODB, BS3M-OAPB)
- Added Master Admin configuration feature
- Added Lock Override feature
- Added Door Mode Override feature
- Added User Override feature
- Added configuration for response timeout of long-processing functions

1. Supports new devices.

- XPass Q2 (XPQ2-DB, XPQ2-APB)
- BioStation 3 Max (BS3M-DB, BS3M-APB, BS3M-ODB, BS3M-OAPB)

2. Added a feature to configure the Master Admin on the device.
Please refer to the linked API descriptions below for supported devices and firmware versions.

- Add API BS2_GetMasterAdmin
- Add API BS2_SetMasterAdmin
- Refer to structure BS2SystemConfig
- Refer to structure BS2DeviceCapabilities

3. Added Lock Override feature for emergency door opening.
Cards enrolled via Lock Override can bypass the door lock status and open the door.

- Add API BS2_GetLockOverride
- Add API BS2_GetAllLockOverride
- Add API BS2_SetLockOverride
- Add API BS2_RemoveLockOverride
- Add API BS2_RemoveAllLockOverride
- Add structure BS2LockOverride
- Refer to structure BS2DeviceCapabilities

4. Added Timed Door Lock/Unlock (Door Mode Override) feature.

- Add API BS2_TimedLockDoor
- Add API BS2_TimedUnlockDoor
- Refer to structure BS2DeviceCapabilities

5. Added Extended Door Open Time (User Override) feature.

- Add API BS2_GetUserOverride
- Add API BS2_GetAllUserOverride
- Add API BS2_SetUserOverride
- Add API BS2_RemoveUserOverride
- Add API BS2_RemoveAllUserOverride
- Refer to structure BS2Door
- Add structure BS2UserOverride

6. Added a feature to retrieve the current I/O port status of the device.

- Add API BS2_GetDeviceIOStatus
- Add API BS2_GetAllDeviceIOStatus
- Add structure BS2IOStatus
- Refer to structure BS2DeviceCapabilities

7. Allows manual configuration of the response timeout for some APIs that require a long processing time.

- Add API BS2_SetDefaultLongResponseTimeout
- Add API BS2_GetDefaultLongResponseTimeout

Fixed Features

1. Restricted controlling slave devices using the BS2_RunAction API.
However, it works normally for slave panels such as DI-24.

2. Fixed an issue where a crash could occur in the SDK internal timer manager module (Specific to v2.9.6.1).

3. Improved internal logic for SDK code stability.

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