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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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