

Release Notes for PIO (V3)

Rev 3.006 (build 20240105)

Type	Subject	Descriptions	Model
Improvement	I/O scan interval adjustment	The option to adjust the IO scan interval has been added.	RIO3-CP3MBT RIO3-CP2MBTL
Improvement	Webserver Login	The ability to activate login functionality upon connecting to the web server has been added.	RIO3-CP3MBT RIO3-CP2MBTL
Bug fix	WebServer Output Slot Data Issue	Fixed the error of inconsistent content between the output slot data on the web server and actual values.	RIO3-CP3MBT RIO3-CP2MBTL
Bug fix	Boot Application Issue (In Progress)	In the offline state, the issue of the program not functioning when inserting files generated by the 'Creative Boot Application' has been resolved.	RIO3-CP3MBT RIO3-CP2MBTL

Rev 3.005 (build 20231023)

Type	Subject	Descriptions	Model
Improvement	Modbus data bit configuration	Added Modbus 7-bit Data Configuration Option	RIO3-CP3MBT RIO3-CP2MBTL
Bug fix	Boot Failure Issue	Resolved the possibility of boot failure due to Crystal malfunction.	RIO3-CP3MBT RIO3-CP2MBTL

Rev 3.004 (build 20230808)

Type	Subject	Descriptions	Model
Bug fix	64-bit Variable Issue	Resolved the issue of hard faults occurring when using a 64-bit variable.	RIO3-CP3MBT RIO3-CP2MBTL
Bug fix	Boot Failure Issue	Resolved potential Boot failure from EEPROM Access conflicts during initial power-up.	RIO3-CP3MBT RIO3-CP2MBTL
Improvement	New Modbus Reset Command	Added a new reset command via the Modbus protocol. (Refer to the 'Restart Communication Option' in the specification.)	RIO3-CP3MBT RIO3-CP2MBTL
Bug fix	Reset Issue via Modbus TCP	Reset command via Modbus TCP not functioning correctly under certain conditions.	RIO3-CP3MBT RIO3-CP2MBTL

Rev 3.003 (build 20230523)

Type	Subject	Descriptions	Model
Bug fix	File creation error in visu folder	Resolved the issue of file creation and download failures in the visu folder when utilizing certain functionalities that require additional files (e.g., webvisu user management).	RIO3-CP3MBT
Bug fix	Event buffer issue on webvisu	The event buffer bug in Webvisu has been fixed. When repeatedly using functionalities that rely on the Event Buffer (e.g., Mouse move on button) for an extended period, Webvisu may become unresponsive or freeze.	RIO3-CP3MBT
Bug fix	Web server content correction	Corrected content and typos in the web server.	RIO3-CP3MBT RIO3-CP2MBTL

Rev 3.002 (build 20230111)

Type	Subject	Descriptions	Model
Bug fix	Persistent retain Issue	The issue of the non-functionality of the entire persistent retain area has been resolved. ※ Reduced total retain size and modified specification.	RIO3-CP3MBT
Improvement	User Management	Support for User Management with limited usage has been added.	RIO3-CP3MBT RIO3-CP2MBTL
Improvement	Factory Reset	The factory reset process has been modified to prevent battery influence.	RIO3-CP3MBT RIO3-CP2MBTL
Bug fix	OPC-UA array variables	OPC UA array variables bug has been fixed.	RIO3-CP3MBT RIO3-CP2MBTL
Bug fix & Improvement	Nand flash control timing adjustment	Adjustments were made sufficiently to control Nand Flash timing because some products require additional hardware margin.	RIO3-CP3MBT RIO3-CP2MBTL

Rev 3.001 (build 20220825)

Type	Subject	Descriptions	Model
Bug fix & Improvement	PLC program disappeared Issue	Functions related to Nand Flash that were causing problems have been improved with the addition of an ECC(Error Correction Code) and improved bad block management.	RIO3-CP3MBT RIO3-CP2MBTL
Improvement	IEC Task Jitter	Improved to reduce IEC Task Jitter.	RIO3-CP3MBT RIO3-CP2MBTL
Improvement	ExternalFeatures library	Added a library to support external features, including accessing special registers and IO parameters and checking the last battery status.	RIO3-CP3MBT RIO3-CP2MBTL
Bug fix	Recipe Manager	Fixed the bug in recipe manager file creation when multiple files are made.	RIO3-CP3MBT RIO3-CP2MBTL
Improvement	Default Modbus Slave Disable option	Added an option to enable or disable the use of the Default Modbus Slave, which runs in the background.	RIO3-CP3MBT RIO3-CP2MBTL