

Software Name: Firmware for MGate 4101-MB-PBS Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v1.6	Build 16030313	N/A	MGate 4101I-MB-PBS, MGate 4101-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T	New Features: 1. Supports Modbus fault protection. 2. Supports Modbus and PROFIBUS command tag name. 3. Supports I/O data view. Enhancements: 1. Enhanced Modbus communication performance.	Bugs Fixed: 1. Data error would occur with low baudrate and FIFO enabled for Modbus RTU communication. Changes: N/A	N/A
v1.5	Build 15082009	N/A	MGate 4101-MB-PBS-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101I-MB-PBS-T	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. Modbus RTU communication would stop if MGate continuously operated without power cycling for over 49.7 days. Changes: N/A	N/A
v1.4	Build 14080611	N/A	MGate 4101-MB-PBS-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101I-MB-PBS-T	New Features: N/A Enhancements: 1. Modbus slave ID can be set to 248 ~ 255.	Bugs Fixed: 1. Modbus ASCII communication may stop if an error frame was received. 2. Modbus RTU communication would fail if FIFO was disabled. Changes: N/A	N/A
v1.3	Build 14031018	N/A	MGate 4101-MB-PBS-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101I-MB-PBS-T	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. MGate 4101 PROFIBUS port stopped responding to PROFIBUS telegrams after receiving broadcast telegrams with destination SAP 63. Changes: N/A	N/A

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v1.2	Build 13032915	N/A	MGate 4101-MB-PBS-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101I-MB-PBS-T	New Features: N/A Enhancements: 1. Passed PI certification test. 2. Changed the minimum value of the polling interval in Modbus master commands to 10 ms.	Bugs Fixed: 1. MGate 4101 would return incorrect diagnostic data to the PROFIBUS master after powering on. Changes: N/A	N/A
v1.1	Build 13030614	N/A	MGate 4101I-MB-PBS, MGate 4101-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. Compatibility issues with the HMS PROFIBUS Master simulator. Changes: N/A	N/A
v1.1	Build 12122613	N/A	MGate 4101-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS, MGate 4101I-MB-PBS-T	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. MGate 4101 would reply with the wrong value when receiving SSA (Set-Slave-Address) commands from the PROFIBUS Master. 2. Cleared diag.Ext_diag flag when a PROFIBUS watchdog timeout occurred. Changes: N/A	N/A
v1.1	Build 12121114	N/A	MGate 4101I-MB-PBS, MGate 4101-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. MGate 4101-PBM-MB would return success when the PROFIBUS master sent a chk_cfg telegram and the I/O configuration was inconsistent with the device settings. Changes: N/A	N/A

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v1.1	Build 12092111	N/A	MGate 4101I-MB-PBS, MGate 4101-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T	New Features: N/A Enhancements: 1. Changed the minimum value of the polling interval in Modbus master commands to 10 ms.	Bugs Fixed: 1. MGate 4101 would sometimes return diagnostic data with Stat_Diag bit of octet 2 and Ext_Diag_Overflow bit of octet 3 set to 1 after powering on. Changes: N/A	N/A
v1.1	Build 11112119	N/A	MGate 4101-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS, MGate 4101I-MB-PBS-T	New Features: N/A Enhancements: 1. Shortened the time required to set configuration, get configuration, import configuration, export configuration, and firmware upgrade. 2. Changed PROFIBUS ident number from 0x0405 to 0x0D80. 3. QuickLink learning function can take up to 3 Modbus master requests to learn the Modbus devices well.	Bugs Fixed: 1. Unable to upgrade to firmware files over 180 KB. 2. MGate 4101 would sometimes reboot repeatedly after powering on. 3. MGate 4101 would fail to stop providing error diagnostics for PROFIBUS when there is no timeout to expire MODBUS requests. Changes: N/A	N/A
v1.0	Build 11072817	N/A	MGate 4101-MB-PBS-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101I-MB-PBS-T	New Features: 1. First release. Enhancements: N/A	Bugs Fixed: N/A Changes: N/A	N/A