

Software Name: Firmware for MGate MB3660 Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
V2.3	Build 18113012	N/A	MGate MB3660-8-J-2AC, MGate MB3660I-16-2AC, MGate MB3660-16-J-2AC, MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC	New Features: 1. Supports security features based on IEC-62443. Enhancements: 1. Accessible IP List supports denying Web/Telnet console access.	Bugs Fixed: 1. In Agent mode as a Modbus ASCII master, MGate would hang after plugging and unplugging a serial cable. Changes: N/A	N/A
v2.2	Build_18030817	N/A	MGate MB3660-8-J-2AC, MGate MB3660I-16-2AC, MGate MB3660-16-J-2AC, MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC	New Features: N/A Enhancements: 1. Enhanced the complexity of token generation to protect against CSRF attacks. 2. Enhanced the complexity of the key for password encryption in the web console login process. 3. Encrypts sensitive information in exported configuration file. 4. Enhanced the display of auto detection results in MODBUS transparent mode.	Bugs Fixed: 1. Firmware version check problem when upgrading firmware for MGate MB3660I-16-2AC, MB3660-8-J-2AC, and MB3660-16-J-2AC. 2. Modbus RTU communication would fail if FIFO was disabled. 3. The FIFO setting would not be activated after clicking the "Submit" button. 4. Stack-based buffer overflow issue in web console which may cause web service corruption. 5. Challenge ID generation problem which may cause web console login failure. Changes: N/A	N/A
v2.1	Build_17081110	N/A	MGate MB3660-8-J-2AC, MGate MB3660I-16-2AC, MGate MB3660-16-J-2AC, MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC	New Features: 1. Supports MGate MB3660I-16-2AC, MGate MB3660-8-J-2AC, MGate MB3660-16-J-2AC models. Enhancements: 1. Improved security of the TCP sequence number. 2. Improved beeper behavior in DHCP mode.	Bugs Fixed: 1. Modbus RTU diagnose error in agent mode. 2. Initial error relay state when powered on. Changes: N/A	N/A

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v2.0	Build 17060710	N/A	MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC	New Features: 1. Supports Auto Device Routing in Modbus transparent mode. 2. Supports Modbus TCP traffic logs. Enhancements: 1. The Modbus master in agent mode supports up to 256 commands for each serial port. 2. Supports multi-master in "routing by IP address" and "routing by TCP port" modes. 3. Supports sorting of commands in the I/O mapping page. 4. Supports auto internal memory assign in the command page. 5. Supports Modbus slave ID 255 in transparent mode.	Bugs Fixed: 1. User password and SNMP community name may be exposed by a buffer overflow issue. Changes: N/A	N/A
v1.3	Build 16110313	N/A	MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. Bug in Modbus Master mode which may cause the MGate to reboot under some conditions. Changes: N/A	N/A
v1.2	Build 16071210	N/A	MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. Initial delay issue which would stop Modbus communication. Changes: N/A	N/A

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v1.1	Build 16042918	N/A	MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. Fix the algorithm which may cause Modbus transparent mode to stop communication. 2. Serial port 13 interface initialization problem. 3. Modbus traffic exceptions in the serial port are not handled well, which might cause the serial port to stop transmitting data. 4. When the "Read memory address" is greater or equal to 8192 for the "01 - Read Coils" or "02 - Read Discrete Inputs" functions, data will be written to the wrong internal memory address. Changes: N/A	N/A
v1.0	Build 15090716	N/A	MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC	New Features: 1. First release. Enhancements: N/A	Bugs Fixed: N/A Changes: N/A	N/A