



ASD-MVETHERNET Version Info

▶ **V1.200 (07.15.2013)**

RFU Info

- Must use RFU version 2.45 or later.

Firmware Changes

- Fixed a bug whereby it was possible to occasionally read false "0" data from the drive for a brief time during power-on due to the network communications tasks being active prior to the drive being ready to synchronize actual process data with the card.

▶ **V1.100 (03.22.2006)**

RFU Info

- Must use RFU version 2.45 or later.

Filesystem Info

- Due to the location switching of the SCAN_WRxx_AS and SCAN_RCV_xx_AS parameter numbers, configuration files created with earlier firmware versions are not compatible with V1.100. Users must manually re-enter configuration information, observing the new Toshiba parameter number assignments. Refer to section 15.3 in the user's manual for the new command- and status-related parameter number assignments.

Firmware Changes

- Expanded Toshiba parameter support for status (SCAN_WRxx_AS) parameters from a total of 10 to 56. This also resulted in the necessity to switch the location of the "command" and "status" parameters from V1.000 firmware. Previously, status items received from the drive were referenced as Toshiba parameters 1..10, and command items sent to the drive were referenced as Toshiba parameters 11..20. Now, command items sent to the drive are referenced as Toshiba parameters 1..10, and status items received from the drive are referenced as Toshiba parameters 11..56.
- Nonvolatile filesystem changes: prior filesystem storage was in battery-backed RAM. To eliminate battery lifetime & maintenance concerns, this was changed to a flash-based filesystem. While all units shipping from the factory will still have the battery installed, it is currently only retaining the time/date settings.
- Modbus master driver now supports the ability to read 3X input registers.

Significant Manual Changes

- Minor changes only, primarily related to Toshiba parameter indexes.

▶ **V1.000 (08.16.2005)**

- Initial release.