MVI56E-MCM

What has been added to the MVI56E-MCM module with the revision 3 firmware?

The MVI56E-MCM module has been upgraded to provide support for up to a maximum of 325 Modbus commands per port, when the module is operating as a Modbus master polling data from various slave devices. The version 2 firmware only supported a maximum of 100 commands per port, and this created a limitation in some systems.

The module additionally has seen an increase in the total database size of the module. The revision 3 firmware now supports up to a maximum of 10,000 registers (16-bit INT) to be exchanged between the ControlLogix processor and the module. The previous revision 2 firmware only supported 5000 registers.

Is the MVI56E-MCM rev3 module backwards compatible with my old Add on Instruction (AOI) or ladder logic?

Yes, a revision 3 firmware module can operate with revision 2 AOI or ladder logic without any issues. Replacing a revision 2 module with a new revision 3 unit requires no changes to your AOI or Ladder Logic.

Do I have to use the new Add-On Instruction to take advantage of increased commands and module memory?

Yes, while you can use the revision 3 module with older revision 2 Add-On Instructions, in order to take advantage of the 325 Modbus master commands per port and up to 10,000 registers per module, you must use the latest released Add-On Instruction.

Can I upgrade my revision 2 module with the revision 3 firmware?

Yes, contact our technical support group and they can walk you through the upgrade process.