

MVI56E-MNETC

Should I be selling the MVI56E-MNET or the MVI56E-MNETC

Sell the MVI56E-MNETC. It solves all the applications the MVI56E-MNET does plus more.

You now have the best of both modules, the MVI56E-MNET and MVI56E-MNETC modules, combined into one unit.

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

The MVI56E-MNETC module has been upgraded, providing support for 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. This expanded database array will allow you to use the module in larger applications, requiring the exchange of more data with the various devices on the Modbus network.

Additionally, the module has also been upgraded to support Modbus TCP/IP server level support (previously only offered on the MVI56E-MNET module). This now allows the MVI56E-MNETC module to support Modbus TCP/IP client level support of up to 30 client connections (with 480 Modbus TCP/IP master commands) and provide support of up to 20 Modbus TCP/IP servers.

There's no more having to figure out if the module requires Modbus TCP/IP client capability (MVI56E-MNETC) or Modbus TCP/IP server and client capability (MVI56E-MNET) as the MVI56E-MNETC rev3 firmware will now support both.

Is the MVI56E-MNETC rev3 module backwards compatible with my old ladder logic?

Yes, a revision 3 firmware module can operate with revision 2 ladder logic without any issues. So replacing a revision 2 module with a new revision 3 unit will work just fine without any ladder changes.

NOTE: To take advantage of new features you must use revision 3 Add-On Instruction

Do I have to use the new Add-On Instruction to take advantage of the increased register space?

Yes, while you can use the revision 3 module with older revision 2 Add-On Instructions, in order to take advantage of 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.

Will the MVI56E-MNET, MVI56E-MNETR, and MVI56E-MNETCR also be enhanced to support 10,000 registers?

Not at this time. Since the MVI56E-MNETR and MVI56E-MNETCR modules are designed for applications where the module will sit in a remote I/O rack over ControlNet, the limited backplane data transfer is better for the limited bandwidth on the ControlNet network.