

Firmware Revision Info:

DMC-2100 Controller

New feature for Rev 1.0p December 22, 2006:

- No new features added

New feature for Rev 1.0o October 3, 2005 :

- Added Stepper Motor Position Maintenance Mode (<http://www.galilmc.com/support/appnotes/optima/note2445.pdf>)
- Added ECAM with two linear segments (<http://www.galilmc.com/support/appnotes/optima/note2444.pdf>)

New feature for Rev 1.0n July 6, 2004 :

- Improved BS command for AMP-540
- Added ELO support. TA3 and CN operand added for abort input application program disable
- Added Ramp to Gearing based on position. Added GD command for Gearing Distance and _GP returns lost distance
- Position Follower Mode added (PT command)

December 18, 2003 - Rev 1.0m:

- Set criteria of two SPI data reads for valid data
- Added second field to AE command
- Added DR command
- Added prompt hold off until carriage return
- Added TC-1 to transmit first error during prompt hold off
- Optimized cornering motion profile

June 27, 2003 - Rev 1.0l:

- Added AUTOERR special label
- Added _RS operand

- Added RS-1 function
- Added ~a to ~h operand
- Added AG, AU, AW, BR, QH and TA commands for amp540
- Modify BS command for amp540
- Added TK command

October 1, 2002 - Rev 1.0k:

- Added BK and SL commands to debug user application programs
- Added LC command to set stepper in low current mode via ampen
- Added GA interrogation

New feature July 17, 2002 - Rev 1.0j:

- MW command added to wait for Modbus response

New feature April, 9 2002 - Rev 1.0i:

- OE and DV can now use "?"
- JP command will no longer inhibit Timer interrupt
- @AN function will no longer inhibit interrupts in fast firmware
- Expanded number of handles to 8
- Added support for IOC-7007
- Allow product to designate a broadcast handle

New feature September 5, 2001 - Rev 1.0h:

- Added TH, WH and HS commands
- Added TZ command
- Added -5 and -6 to _IHh2 to indicate connection in progress
- Added _IA5 to indicate ethernet speed
- Added IHh= to reuse handle
- Added IHh=>-3 to reset connection
- Initialize tcperrhandle to -1

New feature June 15 2001, Rev 1.0g:

- SA command added

New feature October 21 2000, Rev 1.0f:

- The operand _EO is available to return state of echo
- The operand _BV returns the number of axes

New feature May 15 2000, Rev 1.0e:

- Leading spaces now legal from rs232 or Ethernet
- Port assignments now increment by 10
- CI clears pending IN CMD, 3 clears just P2, -1 clears P1 also

New feature October 21 1999, Rev 1.0b:

- IF false without endif will now generate error 63
- ' can start a comment line in an application program
- CF command chooses the handle or RS232 port as default for application program.
- IHS=>-1 or -2 shuts off current handle. -1 is immediate, -2 tries to close TCP handle.
- IHT=>-1 or -2 shuts off all handles but the current one. -1 is immediate, -2 tries to close TCP handle.
- _IA3 returns 0 to 5 for which handle this is

New feature September 28 1999, Rev 1.0a:

- Modbus support added. MB and AO commands
- ' can start a comment line in an application program

New feature September 7 1999, Rev 1.0:

- Ethernet support added
- BZ<time lets you set timeout of BZ command
- Variables and labels increased to 510

- Option jumper now causes Motor Off on power up. Note: must have operating system rev 2.0 or higher