

## MicroNet™ HDD Module Obsolescence

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### *Product Change / Improvement*

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The MicroNet™ HDD (High Density Discrete) modules part numbers 5466-258 and 5466-256 were replaced in 2010 by updated modules which have the same functionality.

- For CPU 5200 and CPU P1020 based systems, the new modules are a drop in replacement for HDD modules.
- For Netcon, Simplex or TMR customers with older 040 or Pentium NT – based CPUs, Woodward recommends upgrading your system to 5200-based MicroNet Plus or TMR configurations.

### *Description*

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For 5200 and P1020 based systems, the HDD module is replaced by the HDDIO (High Density Discrete Input/Output) module, part numbers listed below. The existing MicroNet Field Termination Modules (FTM) will work with the new HDDIO modules. This module has improved internal self-test routines and memory mapping.

For those customers with 040 or Pentium NT CPUs who cannot upgrade to a modern CPU, an alternative solution is available that is compatible with these CPUs and the respective Coder versions.

### *Updated Products*

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For systems with 5200 and P1020 CPUs running **Coder 5.04 or later**, the following part numbers replace the functionality of the HDD modules. This version has the improved testing, memory maps and kernel “handshaking” from the Smart Plus architecture. This is the preferred implementation for all systems running Coder 5.04 or later:

HDD Modules 5466-258 replaced by HDDIO Module 5466-1050 (Simplex Applications)  
HDD Modules 5466-256 replaced by HDDIO Module 5466-1051 (TMR, Redundant Applications)

For systems with 5200 CPUs running **Coder 4.06 or later** and needing spare parts, the following part numbers are adapted so they can directly replace the functionality of HDD for Coder 4 systems:

HDD Module 5466-258 replaced by HDDIO Module 5466-1158 (Simplex Applications)  
HDD Module 5466-256 replaced by HDDIO Module 5466-1156 (TMR, Redundant Applications)

For systems with **040 and Pentium CPUs running Coder 2.X or 3.X** and needing spare parts, please contact your Woodward representative for the correct part numbers.

## Customer Action

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For additional information and support:

1. Contact your local Woodward representative and/or turbine OEM.
  2. Woodward contact and business partner information can be obtained at [www.woodward.com](http://www.woodward.com).
  3. Technical assistance can be obtained by:
    - a. Searching for a local contact at [www.woodward.com/directory](http://www.woodward.com/directory)
    - b. Call or email the Woodward Turbine Help Desk:  
1-970-498-3095 or [TurbineHelpDesk@woodward.com](mailto:TurbineHelpDesk@woodward.com)
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