

For Immediate Release

3M introduces family of new Mini Delta Ribbon (MDR) cables for digital cameras for machine vision applications

AUSTIN, Texas – March 5, 2008 – Design engineers in the machine vision industry now have more machine vision configuration options than before. The new 3M brand MDR Base Configuration Digital Camera Cable from the 3M Electronic Solutions Division completes 3M's full line of cables to connect to all three performance tiers of Camera Link-style cameras: base, medium and full configurations. The digital camera cables mate to standard MDR 26-position camera connections and may also be used in other LVDS (Low Voltage Differential Signaling) applications.

Used in machine vision applications for the connection between the camera and framegrabber, the new 3M brand MDR Base Configuration Digital Camera Cables are available in three variations:

- Straight cable exit: a standard version with straight exit thumbscrew backshells (male-male cable assembly);
- Extension/bulkhead exit: an extension or bulkhead version (male-female cable assembly) that enables extension applications or connects to a bulkhead panel for feed-through;
- Right angle cable exit: an overmolded right angle cable drop for space constrained applications (male-male cable assembly), allowing for space conservation.

The base configuration cables are uni-directional and labeled on the camera side connection to help ensure proper customer use. The new digital camera cable in the base configuration allows the use of high quality 3M cable assemblies in more cost-sensitive, lower bandwidth applications. 3M is a recognized leader in Camera Link connectivity: the 3M brand MDR 26-position interface connector is the only connector approved by the Automated Imaging Association for its Camera Link Standard. The new 3M cables are value priced to leverage the high quality and connection reliability of the

standard 3M MDR 26-position Camera Link connector common in machine vision applications.

Cables are available in stocked standard lengths or custom length variations in varying lead times. Contact your authorized 3M Interconnect distributor for information.

For more information about this and other 3M interconnect products, visit <http://www.3M.com/machinevision> or the newly redesigned website at <http://www.3M.com/interconnects>.

About 3M Electronic Solutions Division

3M Electronics Solutions Division offers innovative solutions to the electronics market, such as copper interconnect systems; cables and cable assemblies; carrier and cover tapes and trays; flexible circuits; embedded capacitor materials; static control products, and Textool brand test and burn-in sockets.

About 3M

A recognized leader in research and development, 3M produces thousands of innovative products for dozens of diverse markets. 3M's core strength is applying its more than 40 distinct technology platforms – often in combination – to a wide array of customer needs. With \$24 billion in sales, 3M employs 75,000 people worldwide and has operations in more than 60 countries. For more information, visit <http://www.3M.com>.

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