



*Your provider of integrated
hardware and software solutions for
identification and control*

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Press Release
For Immediate Release

**Intersoft announces out-of-the box RFID control for
conveyor belt routers, sorting conveyors, and multi-product assembly lines**

The TROMR8 RFID Programmable Relay Controller is a self-contained system, providing 20 million operations with a demo kit for easy development. A great alternative to expensive vision systems, or anywhere automation is needed for multiple decision-action scenarios, the TROMR8 automatically makes control decisions and lets you run different processes for different products all on the same line.

With the TROMR8, products can carry their own assembly instructions. With multiple RFID Programmable Relay Controllers (Up to 32 TROMR8 can be connected to a single 4,000 ft cable), components can be routed from work cell to work cell automatically, creating a complex, flexible assembly line.

The rugged tags can be temporarily attached to your product or permanently embedded. They are still readable even when hidden in carrier sheets or totes. They can withstand high temperatures and extreme environments and substances such as paint, dirt, oil, water, and plastics do not affect the read.

The TROMR8 board performs all functions necessary for reading RFID tags. It continuously powers, reads, and decodes transponders that are within its reading range. Whenever our passive RFID tag comes within range of the reader antenna, its information is transmitted to the TROMR8. When this tag number is

read, it activates up to eight 240VAC,4A relays (for 256 possible combinations), turning on lights, switches and solenoids depending on tag read.

A single antenna is required for powering and reading the transponders. Proper value and shape of the antenna are installation-dependent and can be determined by the user. The nominal resonant frequency is 125 kHz.

Communication is via a RS485 or RS232 serial interface. Power Requirements are 24VDC, 90mA (min) to 250mA (max). Latency is 33ms, nominal (17 ms minimum). Read distance is tag-dependent, but 1-28 inch nominal. ROHS-compliant.

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Intersoft Corp – *With over 15 years of experience designing and manufacturing software and electronics for identification and control, we offer product solutions designed to make your system and equipment smarter, more efficient and more competitive. We have an exclusive focus on RFID and an international customer base.*