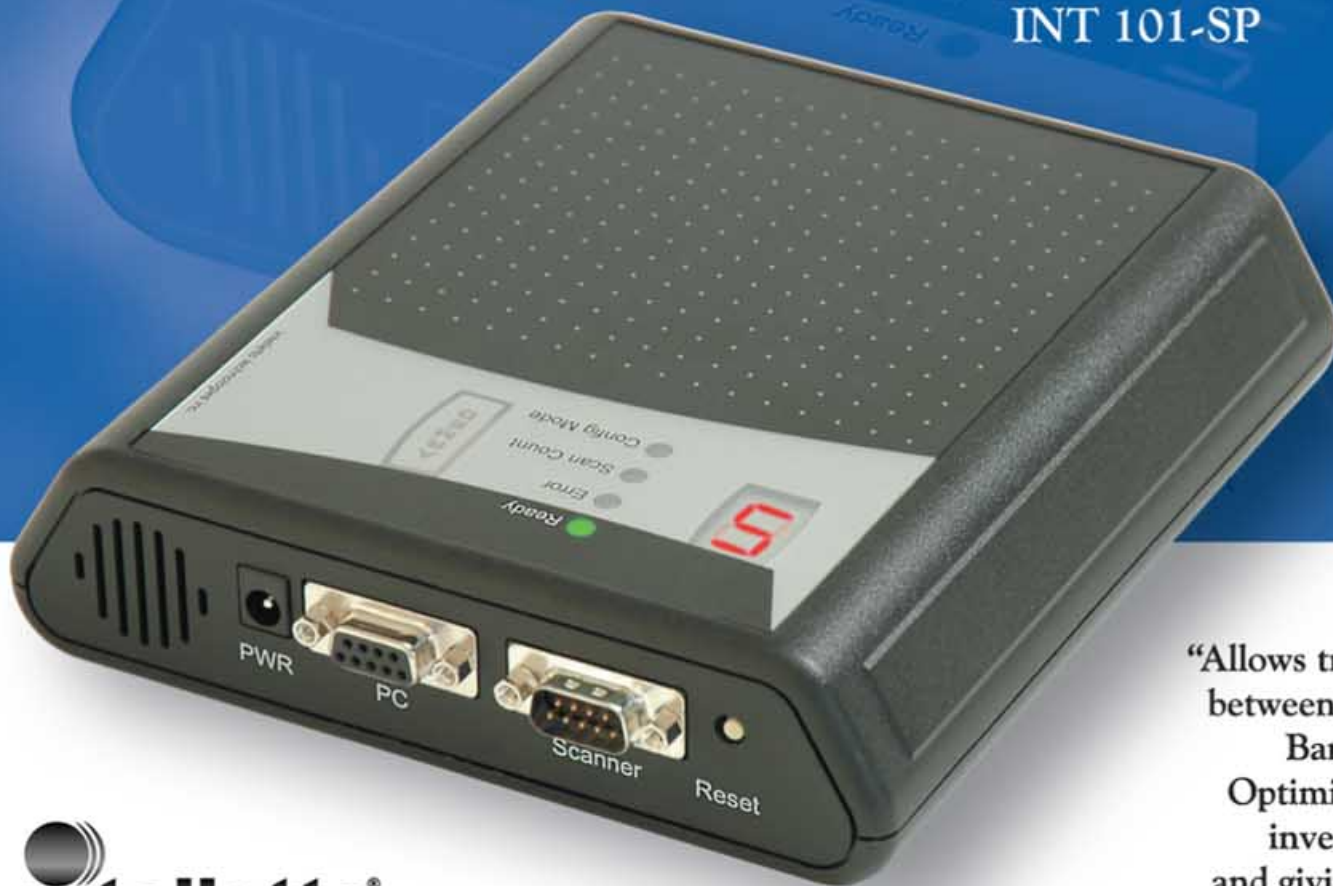


RFID MultiPort Companion

INT 101-SP



**“Allows transparency
between RFID and
Barcode.
Optimizing your
investment
and giving you the
best of both worlds”**

TECHNICAL DATA

Model Number: INT101-SP • Frequency: 13.56MHz
Transponder Standards: ISO-15693, I-CODE1, Tag-it • Read Range: 4" to 6"
Antenna: Internal • Real Time Clock: Internal with Backup Battery
Memory: 128KB Flash • Firmware: Upgradeable via Internal Connector
User Signalling: 1X7- Segment Display 5 X LEDs, Buzzer • Serial Port: 2xRS232
Voltage: 7.5DC/15W External Power Supply • Case Material: ABS
Operating Temperature: 0°C to +40°C • Storage Temperature: -15°C to +70°C
Colour: Black/Grey • Dimensions (L.W.H): 6.75"X6.25" X1.63"

KEY FEATURES

Nine Free Programmable User Modes Configurable via GUI Interface. Built-In RFID Reader/Writer and Antenna. Two Serial Interfaces. Programmable Formatting for Read and Write Operations. EAS Security Bit Activator, Deactivator, Flipper. Standalone Comparison and Verification of Barcode and RFID Transponders. Standalone Time Stamp Writer. Three Individually Programmable Counters: Triggered by Read, Write and EAS Operation.

Engineered to integrate two technologies, the RFID Multiport Companion joins RFID and barcode together creating a single, efficient and economical identification system.

The RFID Multiport Companion allows the client to combine the intelligence of a RFID system with the simplicity of a barcode system based on the company's needs. This enables the client to maximize the benefits of both systems without the additional costs of separate, expensive software packages; thus increasing the value of the investment in RFID and barcode systems.

Functional Specifications

RFID Reader/Writer	Acts as an independent RFID reader/writer.
Transfer of Barcode Data into RFID Tag	Reads from barcode and writes into the RFID transponder in two modes: One barcode to one RFID write Multiple barcodes to one RFID write
Barcode reader and PC-Interfaces	Installed between the serial port and the barcode reader. Contains a built-in RFID reader and antenna. Data scanned through the barcode scanner or RFID reader will be written to the serial port.
Formatting Data during Read and Write	Optimal data formatting both for RFID transponder data and barcode data. Formatting is done both during reading as well as transferring the data to the PC. The operator is able to set the formatting criteria via GUI interface and store it for each user mode.
Verification of Data	Reads the content of the barcode and compares it with the content of the RFID transponder. The operator is notified of the verification result both visually and audibly.
Time Stamp Writer	Writes custom format time stamp into the RFID transponder. (e.g. dd/mm/yy, mm-dd-yy)
Counter Function	Maintains three different programmable counters for read, write and EAS operations. Stores them within the transponders attached to each item. The operator will be able to monitor the number of transactions without a single change to the software.
EAS Security Bit Activator/Deactivator /Flipper	RFID label is used within Loss Prevention Programs. MultiPort Companion can be programmed to activate, deactivate or flip the security bit. This functionality can be used in each user mode combined with other actions. The operator is notified visually and audibly of the changes to the security bit of the transponder.