22 April 2009

By: Alex Vochin, Gadgets Editor

New industrial RFID reader from ID Element
ID Element

Forget About Bar Codes, the Element ID RFID Readers Are Here

A next-generation solution for industrial automation

Bar codes have been among the most important developments in mankind's history, since they've made it a lot easier for people to organize and keep track of various types of merchandise before, during and after the completion of the manufacturing process. However, the evolution of modern technology has brought about a very serious competitor for bar codes, namely RFID tags, which add an extra level of wireless versatility to the features mentioned above.

And given the increasingly higher level of demand for such products, Element ID has just rolled out the HF1 and HF1-B RFID readers, designed to help customers monitor item level data in automated applications, provide a total system approach to reduce cost and risk, enhance flexibility and performance, and increase return on investment.

Both of these new devices feature an embedded software package that includes HyperSage data processing, which reduces overall system implementation costs as the need for third-party hardware and/or software is normally eliminated. HyperSage pre-processes data to deliver only necessary information in any desired message format and protocol and works very well even at high processing speeds (in excess of 600 feet per minute).

According to the manufacturer, these readers are ideally suited for automated applications like manufacturing/work-in-process monitoring, tracking of totes or product carriers, and replacement of fixed depth-of-field barcode line scanners.

Furthermore, the patent pending TagLink technology matches incoming RFID data with physical items and gives users the ability to decrease product spacing and increase system through-put, all while assuring correct tag on item placement.

For the time being, no pricing or availability details regarding the HF1 and HF1-B RFID readers have been provided, and it's very likely that this data will be available only for interested customers, given the fact that, after all, these things target mostly the industrial segment.

We are just a few, but there are many of you, Softpedia users, out there. That's why we thought it would be a good idea to create an email address for you to help us a little in finding gadgets we missed. Interesting links are bound to be posted with recognition going mainly to those who submit. The address is .

Copyright (c) 2001-2012 Softpedia. All rights reserved. Softpedia™ and Softpedia™ logo are registered trademarks of SoftNews NET SRL.