

## **World-leading scanning performance improved: DENSO launches new SP1 Autopilot function**

*With the SP1 Autopilot function, companies accelerate their processes by up to 50 percent and save time and costs during inventories.*

**Düsseldorf.** RFID technology does not just exist since yesterday, but especially now, it has a major impact on the profits and losses of companies, for example in retail and logistics. RFID tags that are attached to goods can be read with mobile computers in such a way that real-time results for transactions, stock levels or the order history of customers are displayed.

With the SP1, DENSO WAVE EUROPE has already launched an RFID scanner that turns simple smart devices into high-speed UHF RFID scanners. Now the experts in mobile data collection go one step further and accelerate processes even more with the new Autopilot function for the SP1.

“The newly developed technology scans tags even faster and more completely than before,” says Dirk Gelbrich, General Manager Technical Department at DENSO WAVE EUROPE. “Compared to the previous SP1, companies can reduce their inventory time by up to 50 percent.” The SP1 RFID scanner offers the highest reading performance in the industry.

A study from the University of Leicester found that RFID improves inventory accuracy by more than 25 percent. While the accuracy was around 65 to 75 percent before the technology was used, it was increased to 93 to 99 percent with RFID.

“The almost self-explanatory SP1 Autopilot provides decisive support for employees in retail and logistics. The reading mode adapts automatically to the situation, meaning that the highly sensitive tags are scanned first, followed by the difficult tags. This saves a lot of time when taking inventories,” explains Gelbrich. The ergonomically designed handle and the low weight of only 400 grams make the SP1 RFID Scanner an ideal companion for processes.

The pairing between the SP1 and a smart device is quick and easy: fastenings or quad locks on the SP1 ensure that DENSO devices, such as the BHT-1800, but also smart Android and iOS devices, can be connected easily.

“The connection itself is made by reading a QR Code on the SP1 and by using the Connection App”, Gelbrich explains the automatic Bluetooth pairing. While users were able to scan up to 700 tags per second from a distance of up to 13 meters, they can now scan up to 1,000 tags per second with the Autopilot function for the SP1. The RFID scanner thus covers an area of up to 530 square meters – a great advantage for warehouse management and inventories.

The new Autopilot has been available since software version 1.14. The OS and SDK of older devices can be updated with an upgrade. DENSO WAVE EUROPE offers the latest software version as a download on its QBdirect website.

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DENSO WAVE is a global provider for high quality Auto-ID solutions helping businesses in retail, logistics, and healthcare to improve their stock management, have full data transparency and accelerate processes along the supply chain.

As the inventor of the QR Code® DENSO strives for nothing less than perfection. DENSO WAVE hardware and software solutions are therefore tested extensively before being available at the market. This way the company ensures that users can fully focus on their tasks.

DENSO WAVE solutions range from premium RFID readers, handheld terminals / mobile computers and barcode scanners to complex and cloud based IoT Data Management Systems.

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