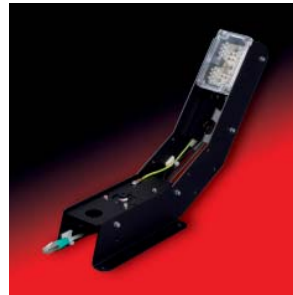




**INSENSIV**  
BETTER\_TO\_KNOW

## Components for reverse vending systems



insensiv is set up worldwide as a developer and supplier of components for reverse vending systems and counting centers for deposit containers.

insensiv supplies about 70% of the manufacturers of reverse vending machines for the German market with security mark readers to the reliable recognition and rating of the DPG security mark on one-way packages.

Only insensiv's security technology is used within the scope of the Danish deposit system (DRS Dansk Retursystem).

In addition, the security mark readers of insensiv can be re-valued by an integrated camera based barcode scanner. Machine manufacturers therefore receive a product with best possible cost-use relation, because the laser scanner reading of the EAN code is not necessary anymore.

For the returnable deposit area our offers a camera system for bottle shape measurement. An extremely homogeneous surface lighting based on LED having a long lifetime is used on this occasion.

To the examination of beverage crates and contained bottles we have developed a 3D stereo system which guarantees highest exactness of the measurement. In combination with the color sensor an unequivocal deposit valuation occurs.

Among other things insensiv supplies counting centers with handheld counting devices as well as security mark readers and barcode scanners for high-speed counting installations.

You get almost every optical sensor for reverse vending systems from insensiv.

### **insensiv GmbH**

Heidsieker Heide 114  
D-33739 Bielefeld

Tel. +49 (0) 52 06 - 96 95 4 - 0

Fax +49 (0) 52 06 - 96 95 4 - 55

[info@insensiv.de](mailto:info@insensiv.de)

[www.insensiv.de](http://www.insensiv.de)

