Zemic offers an intelligent program of sensors which enables retailers to integrate an Object Identification System in the shelves for smart shopping.
Load sensing unit ZDY-Z2

Dimensions: 400x144
Accuracy: ≤±0.02%FS
Max weight: 30kg
Recommended range: 10g-30kg

Load sensing unit ZDY-Z8

Dimension: 500x400 mm
Accuracy: ≤±0.02%FS
Max weight: 30kg
Recommended range: 10g-30kg

These units can identify 1 gram weight. This load sensing unit is stable in long-term loading, has a small creep and zero return.

High reliability, at least 1 million time load life, easy for maintenance. Load sensing unit is easily replaced.
Zemic intelligent vending machine and intelligent shelf in practice
Detailed system information available upon request.

Key features:

Temperature range: -10°C+40°C
Interface (integrated processor): RS485 or TCP/IP
Stable response time: ≤500ms
Operation system: Android / Windows

This system is able to identify the weight information and weight change information of a single commodity in the cabinet, with the minimum recognition accuracy of 5g.

It can actively read the real-time weight of the current shelf.
It can actively upload the weight change during the grabbing process to the user equipment.
Stores are working with so-called "beacons". Beacons are small devices which have the ability to send continuous radio signals to mobile devices.

This signal can be detected by smartphones. The server can push targeted content to the device and through Bluetooth low energy connection, the device location of the consumer can be located on micro levels.

Exactly this technology and/or WIFI combined with the Object Identification System of Zemic enable retailers to build stores without checkouts.

Shopping will go hyper efficiently!

The future is now!