

7.5

What is Electronic Shelf Label

Electronic shelf label (ESL) is an electronic display device that can replace traditional paper price tags on shelves. Each ESL is connected to the mall computer database through the network, and the products information such as the latest price is displayed through the screen of the ESL.



In China, There is less than 1% in domestic electronic shelf label penetration rate, and the future replacement room is very large.

It is estimated that the global market will reach 1.675 billion US dollars by 2023, and the global ESL market will grow at a rate of 28.22% per year from 2015 to 2023, the market will be stable in 2023.



According to IDC data, in 2015, the number of domestic retail top 100 enterprises totaled about 100,000, the proportion of hypermarkets reached 28.9%, the number of supermarket was close to 70,000, the convenience stores were nearly 200,000. Each supermarket is based on 25,000 SKU, convenience stores are based on 3000 SKU, and the demand for ESL modules exceeds 2 billion. The global market needs more than **2.6 billion ESL**.

Type	Shop QTY	SKU QTY	Product QTY	ESL QTY
Supermarket	70,000	25,000	28,750	2,012,500,000
Store	200,000	3,000	3,300	660,000,000



Traditional Paper Price Tag

VS

Electronic Shelf Label



Higher Cost

- 01** Changing product info frequently caused higher labor **cost**, and inventory backlog if delay update info.



Error Rate

- 02** According to incomplete statistics, the traditional label replacement error rate is about 6%, the label loss rate is about 2%;



Deceptive Price

- 03** caused by price inconsistency between commodity price tag and cashier system due to price efficiencies.



Cost Saving

- 01** One-click price change
Operation management
Automatic monitoring & warning mechanism
E-paper display performance
Data confidential transmission

High Correct Rate

- 02** Price error rate 0.00001%, store image and customer satisfaction improving



Smart Management

- 03** Support multi-screen conversion
Personalized price tag template
Meet multilingual environments
Compatible with a variety
Rich accessories for a variety of scenes

Personalized customization



Support text in multi-language, digits, graphics and custom templates

Support NFC function

1D barcode, such as 128,39.EAN.etc

E-paper display has 180° Viewing angle and applicable to different lighting environment

Applicable From -10 to -25 degree freezer



Reliability

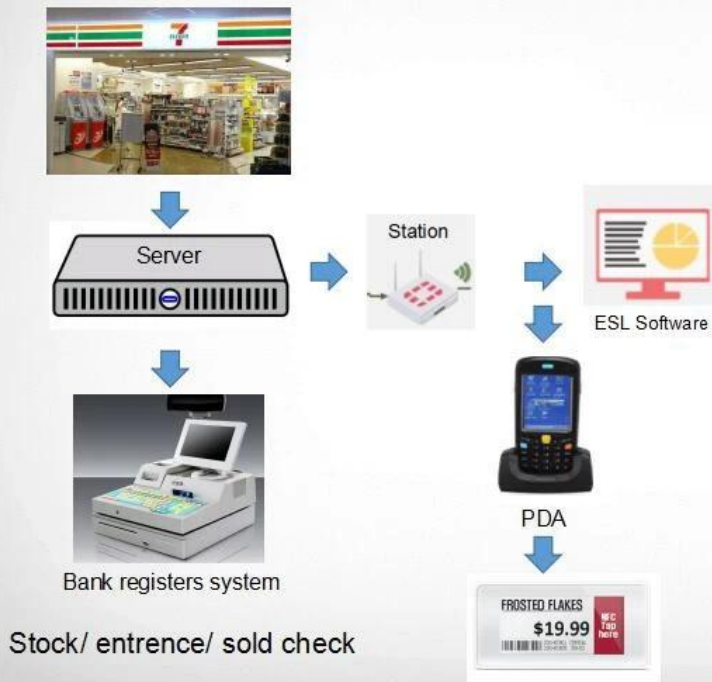
Operation management automation,
High performance e-paper display ,
Data encryption transmission,
Automatic monitoring and warning system

Customized image, Red Color Good for promotion

Better buying experiences by applying barcode and Qr code on labels

Small Store Case Reference

ONE STAFF, ONE STORE



Supermarket Case Reference



Larger size 7.5&12.2inch ESL

