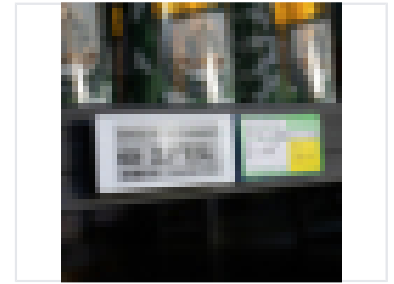
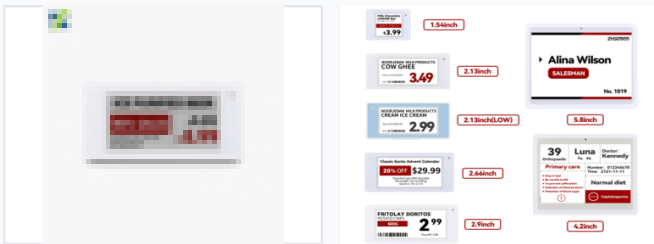


E-Paper Display ESL Price Tag

These smart electronic shelf labels feature e-paper displays for clear visibility. RFID technology allows for real-time price updates and efficient inventory management.



ADDITIONAL IMAGES



Overview

Smart Electronic Shelf Label System

This advanced electronic shelf label (ESL) system utilizes E-ink technology to replace traditional paper tags, enabling real-time pricing updates and improved operational efficiency. Designed for retail environments, the system automates price changes across multiple stores, significantly reducing labor costs and human error. With durable, waterproof construction and scratch-resistant surfaces, these labels ensure longevity and clarity in demanding retail conditions.

Technical Specifications

E-Paper Price Display Features



Display Size	2.13 inch
Active Area(mm)	48.55(H)*23.7(V)
Display Resolution	250(H)*122(V)
Pixel Colors	Black/White/Red
Dots Per Inch	130
Display Technology	Dot-matrix E-ink Epaper Display
Viewable Angle	Close to 180°

Detailed technical dimensions and display parameters for the 2.13-inch model.

Pixel Colors

Black • White • Red

Display Technology

Dot-matrix E-ink Epaper Display

Available Sizes

1.54 inch, 2.13 inch, 2.66 inch, 2.9 inch, 4.2 inch, 5.8 inch, 7.5 inch

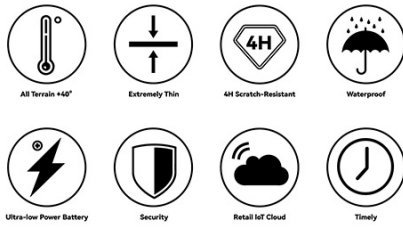
Viewable Angle

Close to 180°

Dots Per Inch

130

Build Quality



Engineered for retail environments with 4H scratch resistance and waterproof sealing.



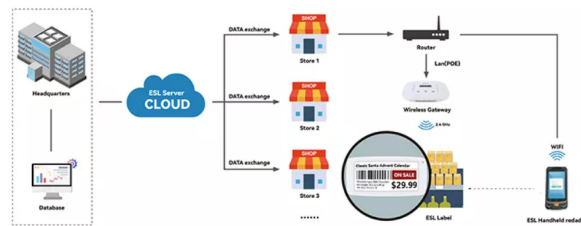
Versatile mounting options including universal clamps, display stands, and water-proof back clips.

Durability Features

- 4H Hardness scratch-resistant surface
- Waterproof laser pressing technology
- All-terrain operation up to 40°C
- Ultra-low power battery consumption

Communication & Software

How Does ESL Work?



The ESL system architecture ensures seamless data synchronization from the server to the shelf labels.

Gateway Performance

25 m

Transmission Radius

Management Software

Tool Type	Description
Template Tool	Visual editor for custom label design
E-Retail (Local)	On-premise server deployment for security
E-Retail (Cloud)	Remote cloud-based management

Communication Technologies

2.4 GHz, NFC, BLE, 433 MHz