

ESL-E4042S2-N

Electronic Shelf Label (ESL)



- The ESL has high transmission speed, superior anti-interference capacity, low power consumption and high security.
- Rich interactive interfaces, supporting LED indicators and NFC technology.

Introduction

The electronic shelf label (ESL) uses technologies such as NFC interaction, for information transfer and extremely fast refresh for real-time information updates. The multi-color LED indicators provide richer information display. Cooperated with ESL AP Station, the ESL achieves the ability to synchronize information between physical stores and online platforms for higher store management efficiency and more efficient cost control.

Features

Automatic Page Turning

The page turning frequency can be set in advance. The corresponding ESL of the product can then automatically and regularly trigger the page turning function to display the pre-set promotional content.

Automatic Inventory Change

With data docking and dynamic fields, the inventory data in the system can be automatically and continuously synchronized with the inventory data on the ESL screen, achieving real-time updates.

Out-of-stock Reminder

Combined with the LED indicators of the ESL, the quantity for out-of-stock reminder is set in advance. And when the stock quantity is lower than the set value, the LED indicators will be triggered for replenishment reminder.

Customized Background Operation

Background system can be compatible with multiple devices and platforms. Equipped with visualized backstage operation, it helps users to freely edit ESL template according to product tonality, which can be instantly used after change.

Scene

Suitable for retail department stores, smart office, pharmacy, medical, warehouse, logistics and more.

Technical Specification

Performance

Model	ESL-E4042S2-N
Screen Type	Electronic Ink Screen
Screen Dimensions	86 mm × 65 mm (3.39" × 2.56")
Resolution	400 × 300
Screen Display Color	Black, White, Red and Yellow
Communication Mode	2.4G Wireless Frequency Hopping
LED Indicator	Yes
Replaceable Battery	Yes
Waterproofness	No
NFC	Yes

Certifications

Certifications	CE-RED: Radio Equipment Directive 2014/53/EU
RoHS	Conform with RoHS Directive 2011/65/EU, 2015/863/EU and REACH regulations as defined in EC No 1907/2006 and subsequent amendments.

Battery

Type	Lithium Manganese Button Battery
Model	CR2450 × 3
Dimensions	φ24.5 × 5 mm (φ0.96" × 0.20")
Voltage	3.0 V
Capacity	600 × 3 mAh
Weight	6.4 × 3 g (0.04 lb)
Storage Temperature	5 °C to 40 °C (41 °F to 104 °F)
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Lifespan	5 years (Under the condition of ≤ four updates a day.)

General

Bare Machine Dimensions	97.4 mm × 88.9 mm × 13.8 mm (3.83" × 3.5" × 0.54")
Weight	94 g (0.21 lb)
Packaging Dimensions	420 mm × 240 mm × 215 mm (16.54" × 9.45" × 8.46")
Packaging	Carton, 80 pieces/carton
Gross Weight/ Carton	8.0 kg (17.63 lb)
Sales Unit	Pcs

Environmental Constraints

Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
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Ordering Information		
Type	Model	Description
ESL-T Series	ESL-E4042S2-N	Electronic Shelf Label