

DHI-ESL-E4042B-PN

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	DHI-ESL-E4042B-PN
Screen Type	Electronic Ink Screen
Screen Dimensions	4.2"
Resolution	400 × 300
Screen Display Color	Black, White, Red and Yellow
LED Indicator	Yes
Replaceable Battery	Yes
Waterproofness	Yes
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	2 × CR2450
Dimensions	φ24.5 × 5 mm (φ0.96" × 0.20")
Voltage	3.0 V
Capacity	2 × 600 mAh
Weight	2 × 6.4 g
Lifespan	5 Years

General

Bare Machine Dimensions	103.6 mm × 87 mm × 10.3 mm (4.08" × 3.43" × 0.406")
Net Weight (Single One)	0.0727 kg (0.16 lb)
Packaging Dimensions	500 mm × 350 mm × 250 mm (19.69" × 13.78" × 9.84")

Packaging	Carton, 200 Pieces/Carton
Gross Weight/ Carton	16.05 kg (35.38 lb)
Sales Unit	Pc

Environmental Constraints

Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	20 % - 65 % (RH)

Ordering Information		
Type	Model	Description
ESL-T Series	DHI-ESL-E4042B-PN	Electronic Shelf Label