

DHI-ESL-E4097B-N

Electronic Shelf Label



Introduction

The electronic shelf tag (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.

- 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.

Technical Parameters

Performance

Model	ESL-E4097B-N
Screen Type	EPD electronic ink screen
Screen Dimensions	9.7"
Resolution	672 × 96
Screen Display Color	Black, White, Red and Yellow
LED Indicator	Yes
Replaceable Battery	Yes
NFC	Yes
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Warranty Period	1 year

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	K CR2450-6P-089R
Dimensions	148 mm × 24.8 mm × 5.4 mm (5.82" × 0.98" × 0.21")
Voltage	3.0 V
Capacity	3,300 mAh
Weight	39 g (0.09 lb)
Storage Temperature	10°C to 25°C (50 °F to 77 °F)
Humidity	45% – 75% (RH)
Operating Temperature	–20°C to 60°C (–4 °F to 140 °F)
Lifespan	10 years (Under the condition of ≤ 2 updates a day.)

General

Bare Machine Dimensions	217 mm × 169.7 mm × 13.5 mm (8.54" × 6.68" × 0.53")
Weight	472 g (1.04 lb)
Packaging Dimensions	440 mm × 430 mm × 290 mm (17.31" × 16.92" × 11.41")
Packaging	Carton, 20 pcs/carton
Gross Weight/ Carton	10.47 kg (23.07 lb)

Environmental Constraints

Operating Temperature	−25°C to 25°C (−13 °F to 77 °F)
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Ordering Information

Type	Model	Descriptions
ESL-T Series	DHI-ESL-E4097B-N	B/W/R/Y 9.7" inch B series white NFC price tag