

# DHI-ESL-E102A-N Electronic Shelf Label (ESL)



### Introduction

The electronic shelf label (ESL) uses technologies such as Bluetooth 5.1,NFC interaction, for information transfer and extremely fast refresh for real-time information updates. The 256-color LED indicators and multi-color ink screen 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. Visualized backstage operation. Users can 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.

- Equipped with Bluetooth communication technology, the ESL has high transmission speed, superior anti-interference capacity, low power consumption and high security.
- Rich interactive interfaces, supporting 256-color LED indicators, Bluetooth-mobile phone direct connection and customizable buttons.
- Featuring wireless Wi-Fi dual-band technology, cable-free installation and deployment, as well as intelligent algorithms, the ESL can provide coverage of up to 25-30 meters in open environments.

#### **Technical Specification** Performance Model DHI-ESI-E102A-N Dot matrix electronic ink screen Screen Type Screen 10.2" Dimensions 960 × 640 Resolution Screen Display Black, white and red Color LED Indicator Yes Replaceable Yes Battery Optional NFC Certifications Certifications CE-RED: Radio Equipment Directive 2014/53/EU Conform with RoHS 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 CR2430 × 4 (Battery pack) Dimensions φ24.5 × 3 mm (φ0.96" × 0.12") Voltage 3 O V 4 × 300 mah Capacity 4 × 4.75 g (4 × 0.01 lb) Weight Storage 5 °C to 40 °C (41 °F to 104 °F) Temperature Operating 0 °C to 40 °C (32 °F to 104 °F) Temperature 5 years(Under the condition of $\leq$ four updates a day.) Lifespan

## ESL-T Series | DHI-ESL-E102A-N

#### General

Bare Machine Dimensions	235 mm × 173 mm × 9.5 mm (9.25" × 6.81" × 0.37")	
Weight	368.6 g (0.81 lb)	
Packaging Dimensions	45 cm × 43.5 cm × 30.5 cm (17.72" × 17.13" × 12.01")	
Packaging	Carton, 20 pieces/carton	
Gross Weight/ Carton	12.2 kg (26.90 lb)	
Environmental Constraints		

Operating Temperature

0 °C to 40 °C (32 °F to 104 °F)

Ordering Information			
Туре	Model	Description	
ESL-T Series	DHI-ESL-E102A-N	Electronic Shelf Label (ESL)	

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