Retail IoT Solution - Electronic Shelf Label

Model:WS-2.6"



price display | promotion discount | SKU barcode | products photo | QR code | 2.4Ghz Wifi | Battery replace | POS integration

Function Description

Utilising E-Ink technology, our Electronic Shelf Labels (ESLs) display product and pricing information with ultra-low power consumption and excellent visual comfort, closely resembling the appearance of ink on paper. With our ESL system deployed on a SaaS-based cloud platform, retailers can easily manage and bind an unlimited number of ESLs to a single AP station, design flexible templates with a variety of elements, and transmit data efficiently through 2.4 GHz wireless communication. The system can update product information across nearly 10,000 ESLs in as little as 20 minutes, enabling fast and accurate synchronisation of pricing and product information. Ultimately, our ESL solution delivers significant benefits to retailers, including improved SKU information management, greater pricing accuracy, enhanced operational efficiency, an improved customer experience, and increased promotional effectiveness and sales.

Technical specifications

Size(mm*mm*mm)	82.93*41.41*9.1
Active Display Area (mm*mm)	60.1*30.7
Weight(g)	35.0
Case Color	Elegant white or customized
Display Size (inch)	2.66
Re solution(pixel)	296*152
DPL	125
Display Colour	BW,BWR,BWRY
LED Flash	Any color(set up in System)
Working life	5 years (4 updates per day)
Battery Spec	2*600mAh
Battery composition	Single cell
Operating Temperature(°C)	0~40
Storage Temperature(°C)	-20~40
Working Humidity(%RH)	30~70
Protection Level	IP54
Certification	ROHS,CE Standards,FCC
RF Wireless Communicaiton Parameters	
Working Frequency	2402MHz~2480MHz
System Throughput	Up to 18,000 labels per hour

APEX ORIENT TECHNOLOGIES
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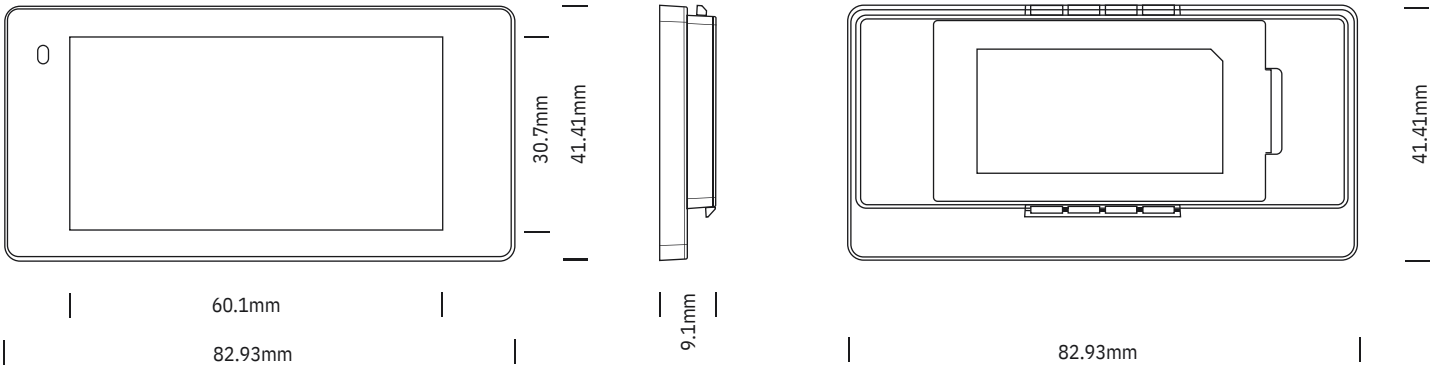
Dimension Drawing



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