



MORE COLORS MORE DESIGN FREEDOM

RS133

Specification
13.3-inch 6-color ESL



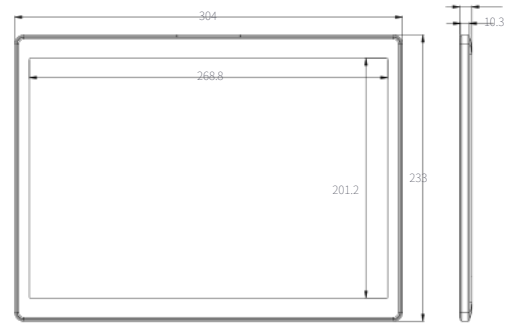
BRIEF INTRODUCTION

RS133

RS133 is a 13.3-inch E-paper sign independently developed by PrezonTag for office signs, industrial storage signs, retail promotions and other information display scenarios. The product adopts 13.3-inch electronic ink screen, Bluetooth Low Energy 5.0 technology provides low power consumption and good stability. The screen is covered with a 2.5D transparent panel with high light transmittance. The product supports six color displays such as black, white, red, yellow, blue and green, with richer color display.



• Appearance



• Product Dimensions

Highlight



Bluetooth Low Energy 5.0



6-color E-ink display



Customized templates



13.3-inch large screen



1 year of battery life
(3 updates/day)



Rest API



Updating in seconds



LED location indicator



NFC optional



Charging with Type-C



2.5D transparent shell



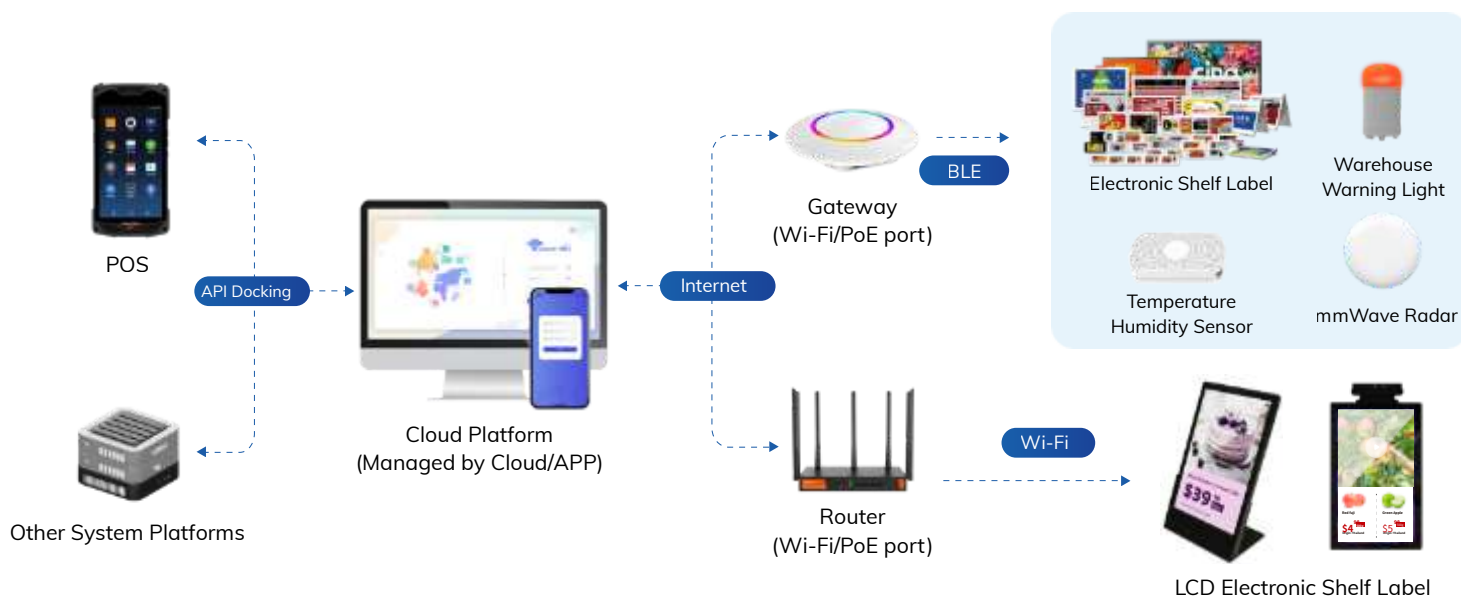
Managed by
Cloud/APP

Application Scope

Suitable for various sectors including upscale department stores, supermarkets, 3C retail, convenience stores, industrial, and warehousing.



Application Scope



Specification

Structural Parameters

Model	RS133
Material	Aluminum Alloy + AC2300
Color	Silver-white
Dimension(LWH)	304 * 233 * 10.3 mm
Weight	714.3 g
Screen Size	13.3-inch
Display Area	268.8 * 201.2 mm
Resolution	1600 * 1200 pixels
Pixel Density	150 dpi
Dot Pitch	0.169 * 0.169 mm
Display Color	Black/White/Red/Yellow/Blue/Green
Mounting	Backpanels, VESA expansion bracket, etc
Protection Level	/
OTA	Support
NFC Functionality	Optional

Technical Parameters

	Parameters	Notes
Communication Protocol	Bluetooth® Low Energy 5.0	
Battery	high-capacity polymer lithium battery	
Battery Capacity	4000 mAh	
Battery Lifetime	1 Years (3 updates / day)	
Transmitting Distance	30~40 Meters	Open and Interference-Free Environment
Operating Temperature	0~50C	
Working Humidity	45~70% RH	
Storage Temperature	-25~60C	Do not exceed 10 days of storage at -25C to 0C or 40C to 50C

Product Description

Product Functions

Real-time information display with rapid content updates; Broadcasts device status and battery information; Enables remote batch management and changes.

Operation Instructions

- The device powers on immediately upon connection and enters Fast Broadcast mode. If no other devices connect within 30 seconds, it will enter Low-Power Standby mode.
- The device requires connection with a Cloud Platform System to support operations such as image refreshing and indicator light control.

ESL Safety Guidelines:

- The screen displays best quality between 0~35°C.
- To maintain display quality, the device will automatically refresh the current content if no update occurs for over one week. This is normal behavior.
- Storage within a temperature range of 0~40C is advised. Do not exceed 10 days of storage at -25C to 0C or 40C to 50°C.
- If not in use for an extended period, it's advisable to display an all-white pattern and store the screen facing upwards. Refresh the screen at least every 3 months.
- The screen is fragile; Please avoid pressing, impacting, or dropping it.
- The theoretical battery life is a calculated value based on the product's power consumption and battery capacity in a 25C room temperature environment, for reference only. The actual battery life will vary depending on environmental conditions, usage frequency, and other factors.

Packaging Information

Packaging Information

	Inner Carton	Outer Carton
Packaging Diagram		
Quantity	1 pcs	5 pcs
Net Weight	714.3 g	3572 g
Gross Weight	1176 g	6644 g
Dimensions	30.0 * 10.8 * 6.5 cm	32 * 23.5 * 40 cm
Notes	• Packaging weight data is estimated; specific data must be confirmed by the manufacturing center.	



Statement

● Declaration of Rights

All contents of this manual are the property of Prezon Technology Co., Ltd. and are protected by copyright laws of the Thailand, and applicable international conventions. The Company reserves the right to modify the contents of this manual as required by technological development without prior notice.

No individual, company, or organization may alter or use any part or all of this manual in any form without prior written permission and authorization from the Company; otherwise, violations will be subject to legal liability.

● Disclaimer

Prezon Technology Co., Ltd. reserves the final right of interpretation for any discrepancies between this manual and the actual product. The Company shall not be liable for any property loss or personal injury caused by improper operation. Please develop, use and maintain relevant products in accordance with the technical specifications and reference designs provided in this manual.

Tel : 02-1071-975

Email : sales@prezon.me

Line : [@prezon.me](https://line.me/tv/@prezon.me)

Website : www.prezon.me

บริษัท เพรซออน เทคโนโลยี จำกัด

582 ซอยนาทอง 7 ถนนรัชดาภิเษก เขตดินแดง

แขวงดินแดง กรุงเทพฯ 10400

