

ONE MORE COLOR MORE THAN ONE OPTION

Four color screen display Ultra-thin
Vormatic ESL TAG 2.9 SPECIFICATION

Datasheet: V1.0



ESL TAG 2.9

BRIEF INTRODUCTION

ESL TAG 2.9 is a 2.9-inch super-thin ESL independently developed by Vormatic, utilizing the latest Bluetooth® Low Energy 5.0 Technology. It features a 9.8mm ultra-thin design, secure and fast data transfer, and agile, flexible screen refresh. Adopting the latest E-ink display technology, ESL TAG 2.9 provides a fully-graphic display and paperlike appearance. With the 2.5D transparent shell, it delivers a nearly 180° viewing angle for excellent readability.

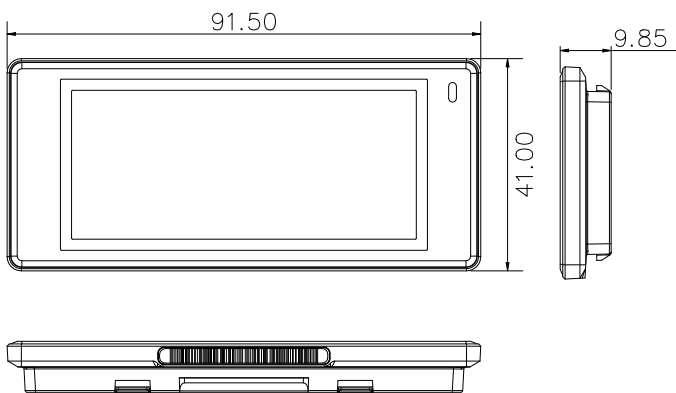
SPECIFICATION

Material	AC2300
Color	White
Dimension	92*41*9.8 mm
Display Technology	EPD
Screen size	2.9-inch
Display Area	67*29 mm
Resolution	296*128 px
Pixel Density	112 dpi
Weight	36g
Battery Lifetime	8 years (5 updates/day)
Fixing Ways	Shelf Rail/Paste etc.
Display Color	Black White Red Yellow



HIGHLIGHT

-  Four color screen display
-  8-year battery lifetime (5 updates/day)
-  REST API
-  LED location indicator
-  Managed by Cloud/APP
-  Custom templates
-  2.5D transparent shell
-  9.8 mm ultra-thin design



TECHNICAL PARAMETER

Communication Protocol	Bluetooth®Low Energy 5.0
Battery	CP502440
Battery Capacity	1200 mAh
Transmitting Distance	60-80 Meters
Working Humidity	50±20%RH
Operating Temperature	0°C-40°C
Storage Temperature	-20°C-60°C
Protection Level	IPX5



ESL Electronic Tag Safety Guidelines:

1. The screen displays best quality between 0-35°C.
2. Between 35-40°C, we guarantee barcode readability only, not clarity of images and text.
3. It's recommended to refresh the screen every 24 hours to maintain display quality.
4. Storage between 0-40°C is advised. Do not exceed 10 days of storage at -25°C to 0°C or 40°C to 60°C.
5. 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.
6. The screen is fragile; Please avoid pressing, impacting, or dropping it.

