ONE MORE COLOR
MORE THAN ONE OPTION

SPECIFICATION VORMATIC 4 COLOR ESL TAG 4.2

vormatic®
electronics

ESL TAG 4.2

BRIEF INTRODUCTION

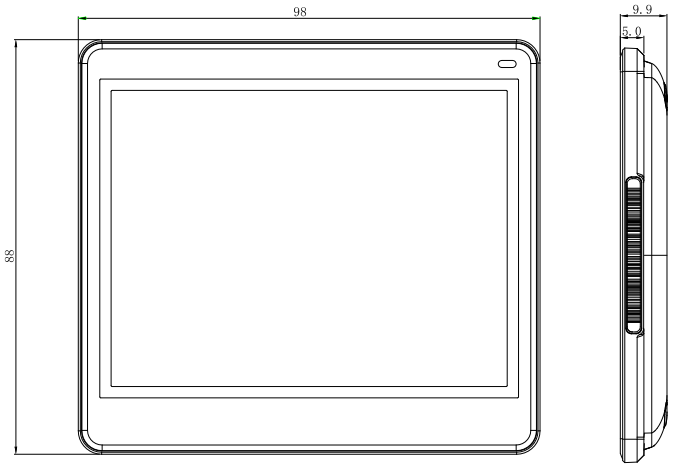
ESL TAG 4.2 is a 4.2-inch super-thin ESL independently developed by Vormatic, utilizing the latest Bluetooth® Low Energy 5.0 Technology. It features a 9.9 mm ultra-thin design, secure and fast data transfer, and agile, flexible screen refresh, Adopting the latest E-ink display technology, ESL TAG 4.2 provides a fully-graphic display and paper-like appearance. With the 2.5D transparent shell, it delivers a nearly 180° viewing angle for excellent readability.

HIGHLIGHT

- Four color screen display
- 10 - year battery lifetime (5 updates/day）
- REST API
- LED location indicator
- Managed by Cloud/APP
- Custom templates
- NFC function
- 9.9 mm ultra-thin design

SPECIFICATION

Material	AC2300
Color	White
Dimension	98 * 88 * 9.9 mm
Display Technology	EPD
Screen size	4.2-inch
Display Area	84 * 62.8 mm
Resolution	400 * 300 px
Pixel Density	119 dpi
Weight	85.5 g
Battery Lifetime	10 Years(5 updates/day)
Fixing Ways	Bracket/Ice Plug etc.
Display Color	Black White Red Yellow



TECHNICAL PARAMETER

Communication Protocol	Bluetooth®Low Energy 5.0
Battery	CP502440*2
Battery Capacity	2400mAh
Transmitting Distance	30-80 Meters
Working Humidity	50±20%RH
Operating Temperature	0°C-40°C
Storage Temperature	-20°C-60°C
Protection Level	IPX7

COMPLIANCE

Certification	FCC/CE

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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.
7. IPX7 waterproof rating indicates the product can function normally in 1-meter deep water for half an hour. Do not submerge the product in water for prolonged periods.

FCC Requirement

changes or modifications not expressly approved by the party responsible for compliance could void the user’ s authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residentialinstallation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is

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no guarantee that interferencewill not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and receiver.

– Connect the equipment into an outlet on a circuit different from that towhich the receiver is connected.

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