

Great Power in the Ultra-Slim Body

2.9-inch Ultra-thin ESL DS029 SPECIFICATION

Datasheet V1.0
Publish Date:8.2023



DS029

BRIEF INTRODUCTION

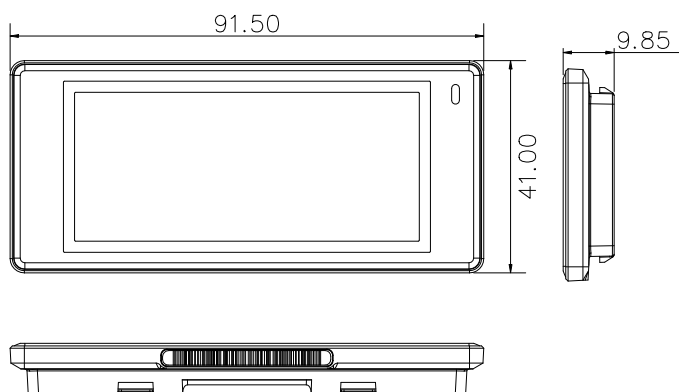
DS029 is a 2.9-inch super-thin ESL independently developed by MinewTag, utilizing the latest Bluetooth® Low Energy 5.0 Technology. It features a 9.8mm ultra-thin design, secure and fast data transfer, and agile, flexible screen refresh. Adopting the latest E-ink display technology, DS029 provides a fully-graphic 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

HIGHLIGHT

-  Updating in seconds
-  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

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 residential installation. 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 no guarantee that interference will 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 to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.



Address: Building I, Gangzhilong Science Park, Qinglong Road,
Longhua District, Shenzhen, 518109, China

Phone: +86(755)2103 8160

Email: info@minewtag.com

Website: <https://www.minewtag.com>

