



# **AWR250 Reader**

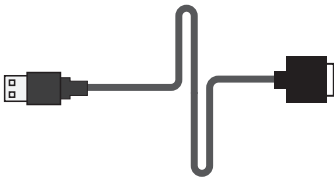
## Quick Start Up Guide

The Allflex AWR250 Stick Reader is a high-quality, economical, yet powerful solution for quickly and reliably reading large numbers of animals' EID tags and managing animal events. It provides outstanding reading performance, long-lasting batteries, robust design, unique data collection features, and extended connectivity options.

## What is in the Box

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USB-A  
Magnetic-Connector Cable



AWR250 Reader device



**Introducing Allflex Connect - a universal mobile APP to connect your EID readers with an on-farm management platform, external identification systems, and the Allflex cloud.**

With Allflex Connect, you can create and edit customized animal cards and lists, share records with your herd management system, upload data to the cloud for actionable insights, connect your reader to your mobile via Bluetooth, and keep your readers up to date with regular firmware updates.

Downloading the App and pairing it with your reader before first use is recommended.

To download, please visit Google Play or the Apple Store.



# Getting Started

## Battery Charge

The device should be fully charged before the first use

To charge, use the provided Magnetic-USB power source

Connecting the USB cable: The magnetized connectors “find” the proper orientation almost automatically by attracting each other in the appropriate order

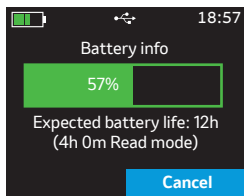
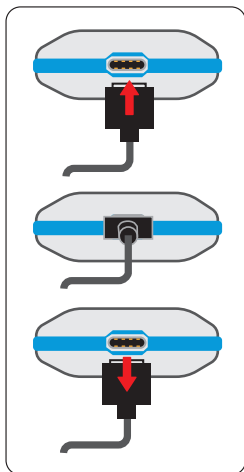
*Note: DO NOT FORCE a connection to the reader. If it does not insert smoothly, verify that it is correctly oriented.*

Charging is complete if no bars are flashing anymore



To disconnect, pull the connector away from the device

When charged, the battery info will show the percentage of the battery as well as a rough estimation of operating time




## Initial Configuration

### Set Language:

The default display language will be English at first start-up. You can change the language by accessing


**Menu>>Setup>>Display>>Set**

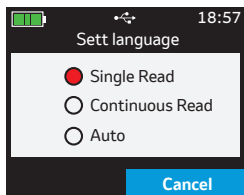
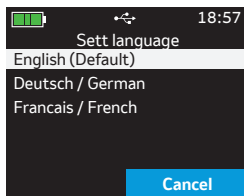
Language. Navigating the options, you can then select your language preference by pressing **ENTER**. 

*Note: It is possible to upload up to 29 custom languages. Contact your local distributor for further details.*

### Set Read mode:

By default, the reader is set to 'Single Read' - one scan click per animal. Choosing the 'Continuous mode' enables batch reading.

*Note: The 'Auto' setting starts a Single Read on a short press of the ENTER  key and Continuous Read mode with a long press (> one second).*



# Device Properties



## Multi-Color Status Led

At the top of the reader, an indication of the read status of the tag

## Multi-Color Status Led

The color changes according to the charging status when the display is switched off



Flashing - Charging



Solid - Fully Charged

## Blue Status Led

Used to indicate the connection status when the display is switched off

Flashing every 3 seconds - SD Card Mode

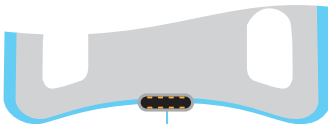
Flashing once a second - Suspend Mode (CDC)



## Easily Controlled Ergonomic Keypad

Directional pad with an ENTER key and two soft keys for multiple functions

## A Large 2.4" Color Display



Magnetic USB Connector

## Display

### Battery Status Indicator

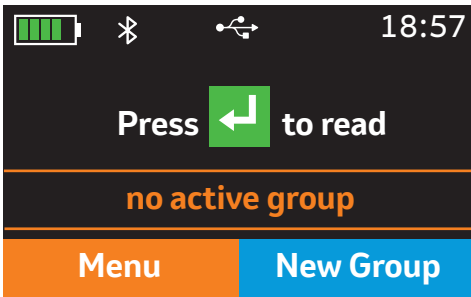
Shows the approximate battery level, battery faults, and Bluetooth connection status.

### USB connection

Indicates when the reader is connected via USB

### Clock

Clock time in 24-hour mode



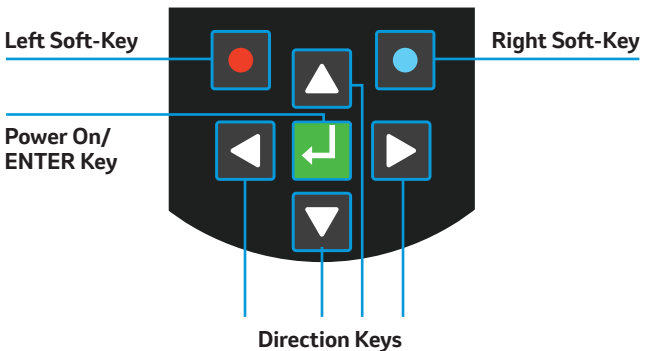
### Left Soft-Key

Performs various functions depending on the associated screen display

### Right Soft-Key

Performs various functions depending on the associated screen display

## Keypad



For navigation, scrolling, and character selection in input fields

*NOTE: Press the down button key for >2 seconds to switch off the device*

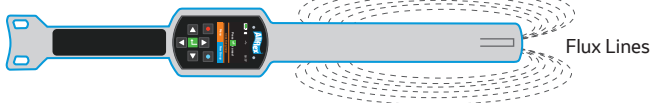
# Quick Reading Steps



Best Orientation




Not Recommended



"While a reader is actively scanning for an EID tag, it creates an electromagnetic field. This is what determines a range and best orientation of a tag for a successful reading"

## Reading EID Tags:

1. Press  to Read
2. Scan the EID tag near the field lines of the reader
3. The device's RGB LED signal will turn on, as well as the signalization motors (sound and vibration)



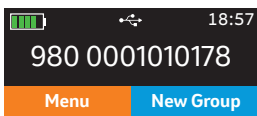
Flashing slowly  
RF is activated,  
ready to read tags



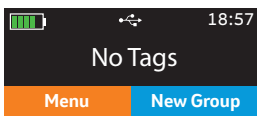
Flashing fast  
Tag was  
successfully read



Flashing fast  
Tag has been read  
repeatedly (duplicate)






4. The tag will be shown on the display screen when successfully read

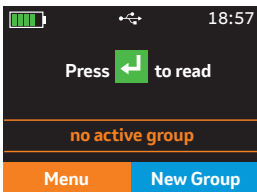


5. A 'No Tag' message will appear on the screen if the reading fails

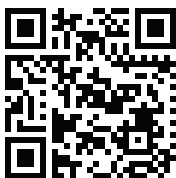
## Assigning Tags:

1. At the home display, press the  button
2. Insert Group Name using the direction keys to navigate the letters, numbers, or symbols
3. When finished, press  to exit the keyboard, and confirm the name by pressing .
4. To assign tags to the group created, enter the group and start reading.

*NOTE: After 10.000 records within one group, the device will force the user to create a new group*



For more information visit  
[www.allflex.global/allflex-awr-250](http://www.allflex.global/allflex-awr-250)



This product is not intended to diagnose, treat, cure, or prevent any disease in animals. For the diagnosis, treatment, cure, or prevention of disease in animals, you should consult your veterinarian. The accuracy of the data collected and presented through this product is not intended to match that of medical devices or scientific measurement devices.

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