



AWR300 Reader

Quick Start Up Guide

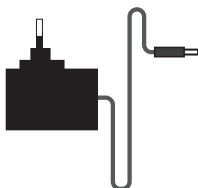
Allflex Livestock AWR300 Stick Reader is a high-performance mobile device for fast, high volumes reading of electronic identification (EID) tags. Ideal for larger groups and herds of animals, the AWR300 provides outstanding reading performance with long-lasting batteries, robust design, unique data collection features, and extended connectivity options. With a Multicolor LED at the top of the reader, the reading status is easily visible to the farmer when using the device in crowded areas.



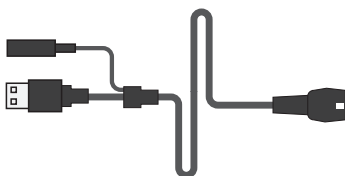
Animal Health

What is in the Box

Power adapter



Y-Cable (USB / Charge)



AWR300 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.

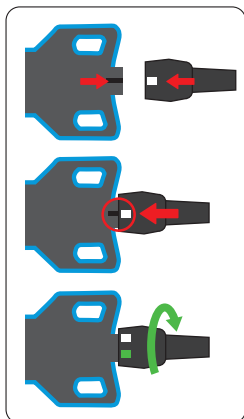


Getting Started

Battery Charge

The device should be fully charged before the first use. To charge please use the provided Y-Cable and power adapter

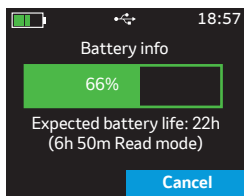
- Attach the connector to the socket at the bottom of the reader.
- Push the connector against the socket and turn it clockwise until locked
- To disconnect, turn the connector counterclockwise. The socket closes itself automatically after removing the plug



Charging is complete if no bars are flashing anymore



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



Initial Configuration

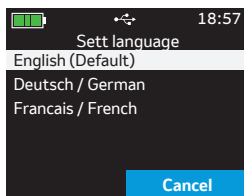
Set Language:

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**. 

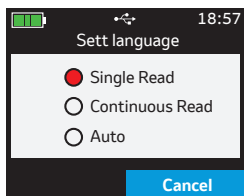
Note: It is possible to upload up to 29 custom languages. Contact your local distributor for further details.



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



IP67 Connector with Bayonet Socket (Self-Closing)

Display

Battery Status Indicator

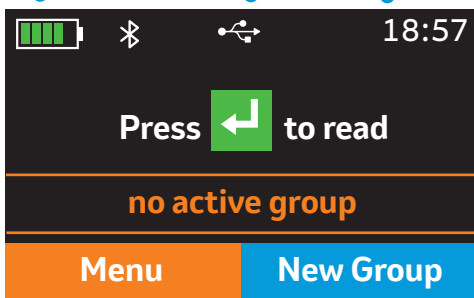
Shows the approximate battery Level and battery faults, such as high temperature.

Connection status

USB, BT, RS232, WLAN

Clock

Clock time in 24-hour mode



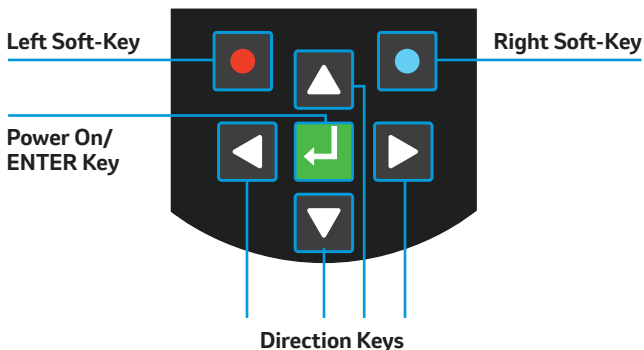
Left Soft-Key

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)



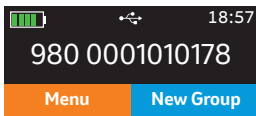
Flashing slowly
RF is activated,
ready to read tags



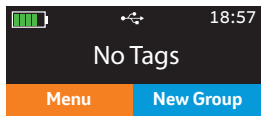
Flashing fast
Tag was
successfully read



Flashing fast
Tag has been read
repeatedly (duplicate)



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

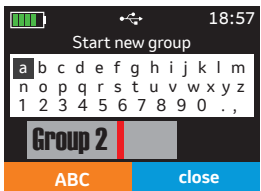
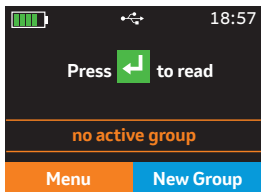


5. A 'No Tag' message will appear on the screen if the reading fails

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-awr300-stick-reader/



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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