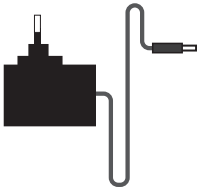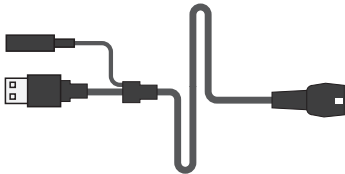# **AWR300 Reader**
Quick Start Up Guide

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.

MERCK
Animal Health

What is in the Box

Power adapter

Y-Cable (USB / Charge)

AWR300 Reader device

Allflex
CONNECT

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.
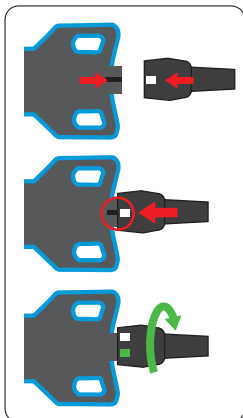
Download on the **App Store**

GET IT ON **Google Play**

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
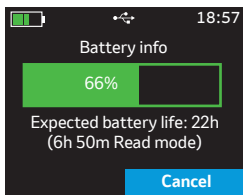
- Attach the connector to the socket at the bottom of the reader.

- 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

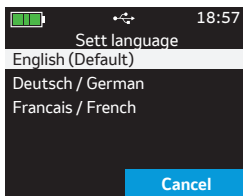|		18:57
	Battery info	
	66%	
Expected battery life: 22h (6h 50m Read mode)		
		Cancel

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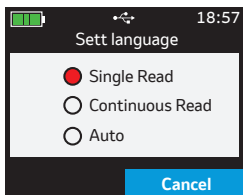
Note: It is possible to upload up to 29 custom languages. Contact your local distributor for further details.

		18:57
	Sett language	
English (Default)		
Deutsch / German		
Francais / French		
		Cancel

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).

		18:57
	Sett language	
●	Single Read	
○	Continuous Read	
○	Auto	
		Cancel

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)

Allflex

18:57

Press ↵ to read

no active group

Menu   New Group

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

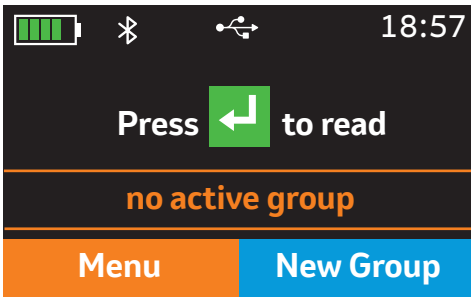**Battery Status Indicator**
Shows the approximate battery Level and battery faults, such as high temperature.

Connection status
USB, BT, RS232, WLAN

Clock
Clock time in 24-hour mode

IIII ✳ ⟷ 18:57

Press ⏎ to read
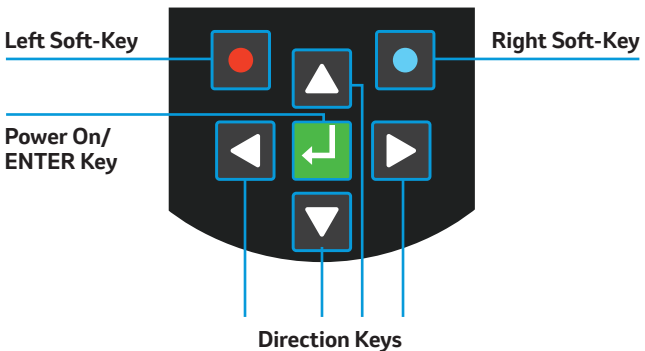
no active group

Menu   **New Group**

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

Left Soft-Key

Right Soft-Key

Power On/ ENTER Key

Direction Keys
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

Flux Lines

"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)

Cansel

Flashing slowly
RF is activated,
ready to read tags

Flashing fast
Tag was
successfully read

Flashing fast
Tag has been read
repeatedly (dublicate)

		18:57
	980 0001010178	
Menu		New Group

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

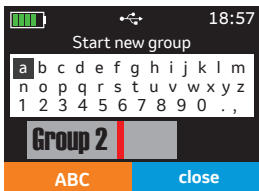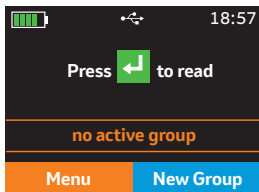|		18:57
	No Tags	
Menu		New Group

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

Assigning Tags:

1. At the home display, press the **New Group** button

2. Insert Group Name using the direction keys to navigate the letters, numbers, or symbols

3. When finished, press **close** 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

		18:57
	Press ⏎ to read	
	no active group	
Menu		New Group

		18:57
	Start new group	
a b c d e f g h i j k l m		
n o p q r s t u v w x y z		
1 2 3 4 5 6 7 8 9 0 . ,		
Group 2		
ABC		close

For more information visit
www.allflex.global/allflex-awr300-stick-reader/

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MERCK
Animal Health