ABB MEASUREMENT & ANALYTICS | RELEASE NOTES

Velox
Mobile app for AquaMaster4 flowmeter
3ᴿᴰ MAY 2023

MEASUREMENT AND ANALYTICS

Velox
Release Note

Product Name:	Velox		
Former Release/Version Number	Release V2.2	**Project/PBN Code:**	PRJ-10508.04
		Release Type:	Feature Release
Release/Version Number:	V2.3.0	**Release Date:**	3rd May 2023

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Release: May 2023

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Contents

About This Book

General

This document is the release note that provides information about the Velox – Mobile App.

Purpose of this document is to provide summary of recent changes, enhancement, and bug fixes in the current release of Velox app.

Document Icons

This document uses the following document icons with a corresponding statement, wherever applicable, to point out important information or useful hints to the user:

Information icon: It alerts the user to pertinent facts and conditions.

Tip icon: It indicates advice on, for example, how to design your project or how to use a certain function.

Warning icon: It indicates the presence of a hazard that could result in plant shutdown or personal injury.

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Note: The Note statement highlights important information pertaining to a descriptive text (for example: 'Module description', 'Installation', 'Configuration', or 'Operational procedure', etc.) in the document.

1 Introduction

The "Velox" Smart Phone App is based on Android OS & provides an easy & highly efficient wireless Interface to ABB Aquamaster 4 series electromagnetic flow meters. It supports functionalities which helps managing the devices throughout their lifecycle starting from commissioning, live readout of process variables, retrieval of device diagnostics & data logs & share the reports thru e-mails.

2 Announcement

After release of Android OS 13, It was necessitated to update the VELOX to handle the compatibility issues with Android OS version 13.

3 Releases

3.1 Release of Velox 2.3.0

The main highlights of VELOX 2.3 release are

- Fixing compatibility issue with Android OS 13

- UI/UX changes according to branding requirement

3.2 Release of Velox 2.2

VELOX 2.2 has been released on Play Store on 7th October.2022 & is available for download This release addresses following

- Bug fixes related to user access level for Rev-3 electronics

- Language support for Chinese, French, German, Portuguese, Spanish, Arabic, Vietnamese, Polish, Turkish & Italian

- New DDF's for MB devices considering release of reduced hardware variants. Firmware part code is now visible for all users. Firmware identification shall now be linked with part code & version number.

3.3 Release of Velox 2.0.49

Velox App version 2.049 was released on 15th November 2021, and it is available on the Play Store. The release addresses the following

- Onboarding of AquaMaster4 Mobile Comms devices

- Fixing bugs related to AquaMaster4 Modbus data logger report extraction, configuration export functionality, and firmware update functionality

- Fixing bugs related to AquaMaster4 Modbus data logger report extraction, configuration export functionality, and firmware update functionality

- Integrating new device description file for AquaMaster4 Modbus devices with add on features for "sensor type selection"

3.4 Release of Velox 2.0

Velox 2.0 was first published on the Play Store on 2nd July 2021. This release has replaced Velox 1.7.9 and is intended to support all existing AquaMaster4 Modbus devices with the same functionality as that of its predecessor. Minor changes in the UI have been implemented, keeping in mind the future requirement of a unified solution for upcoming new releases in the Aqua Master flowmeter product family.

4 System Requirements

Velox application works well on the below recommended systems

- Android v10.0 – NFC

- Android v11.0 – NFC

- Android v12.0 – NFC

- Android v13.0 – NFC

- Screen size from 5.5 to 7 inch

- Minimum 2 GB RAM and 1.4 GHz Processor

Note: Android device shall have Google Play Protect enabled

5 Deliverables

1) Installation file: Published in Google Play store
2) Training Presentation / User Manual:

   Refer Operating Instruction document – Page 49 till 58

   Link: Operating instruction - AquaMaster4 | Electromagnetic flowmeter transmitter (abb.com)

6 App Installation

Velox application can be installed from Google Play Store.

1. On the phone or tablet, open Google Play Store
2. Enter "Velox" in the search field and search
3. Select "Velox" App in the search results
4. Follow the standard installation procedure
5. Launch the application

7 Known Issues

Issue	Workarounds, Clarifications and Helpful Hints
AM4 Mobile Comms	4G & NB device testing is ongoing. Users of such devices may still experience some connectivity issues. Development team is working on the same.

8 Limitation

9 Released Versions

Rev. ind.	Released Version	Description	Date Dept./Init.
	2.3.0	Android OS 13 Compatibility Fix	03-05-2023
	2.2	Enhanced Language Support, Bug Fixes	07-10-2022
	2.0.49	Onboarding AM4 Mobile Comm version	15-11-2021
	2.0	Replacement of Version 1.7.9 App for AM4 MB devices	02-07-2021

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