

Local User Guide

XCM25D Network Setup on XWEB EVO

By Emerson Commercial Residential Solution





I. Overview

A. XCM25D

A controller used on X-Line condensing unit which combine multiple capabilities such as:

- Condensing Unit Controls (EUC)
- Case Controls
- Condenser Fan Controls
- Defrost
- Voltage and Current Sensing Compressor Protection (CoreSense to the US)
- Liquid and Vapor Injection
- System EXV Control
- Digital Compressor Control

XCM25D can be monitored by a Supervisor which will receive alarms and notice statuses from the X-line unit. Monitoring can deliver greater energy and maintenance savings than any other initiatives.



B. XWEB Evo

Supervisor and monitoring systems for the management of Retail field and HVAC/R applications. The XWEB is designed to obtain energy savings, thereby reducing costs and helping to preserve environment. Our solution are synonymous with quality, user friendliness and efficiency because they are focused to meet end user needs.



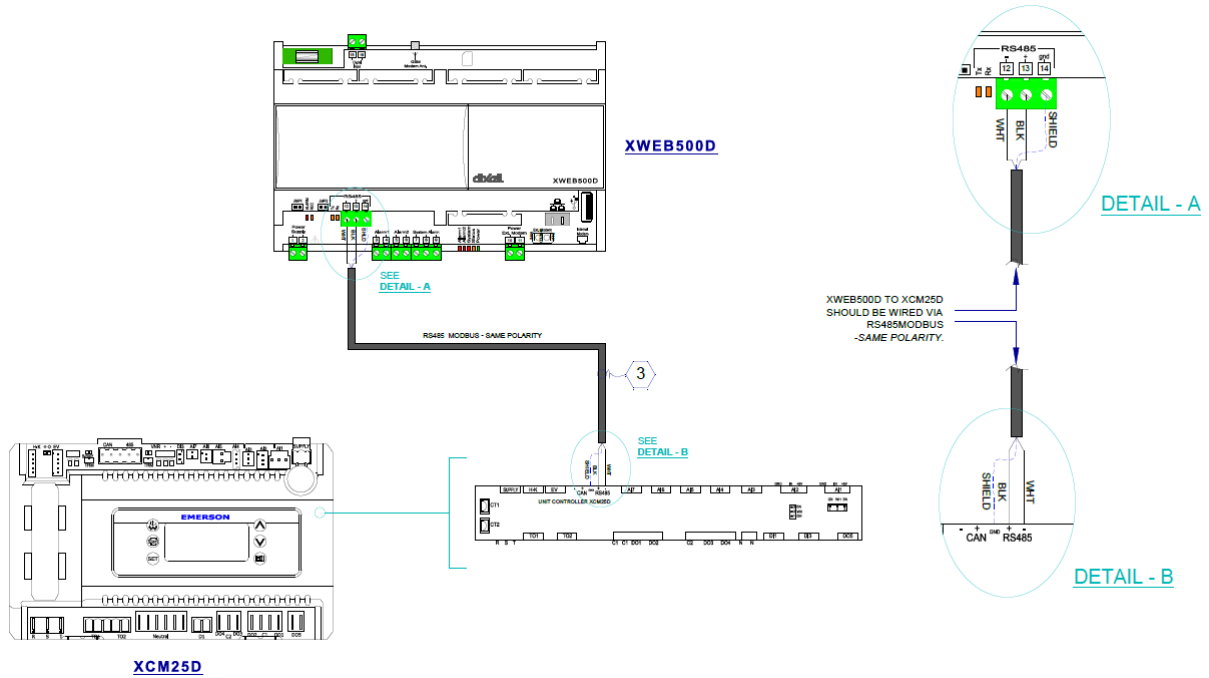
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I. Network Wiring

XCM25D is connected on the XWEB Evo through MODBUS communication protocol.



II. Communication Setup – XCM25D

The controller will be able to communicate with a Modbus RTU Slave RS485 slave protocol. The Modbus address will be configurable in the **Adr/T01** parameter.

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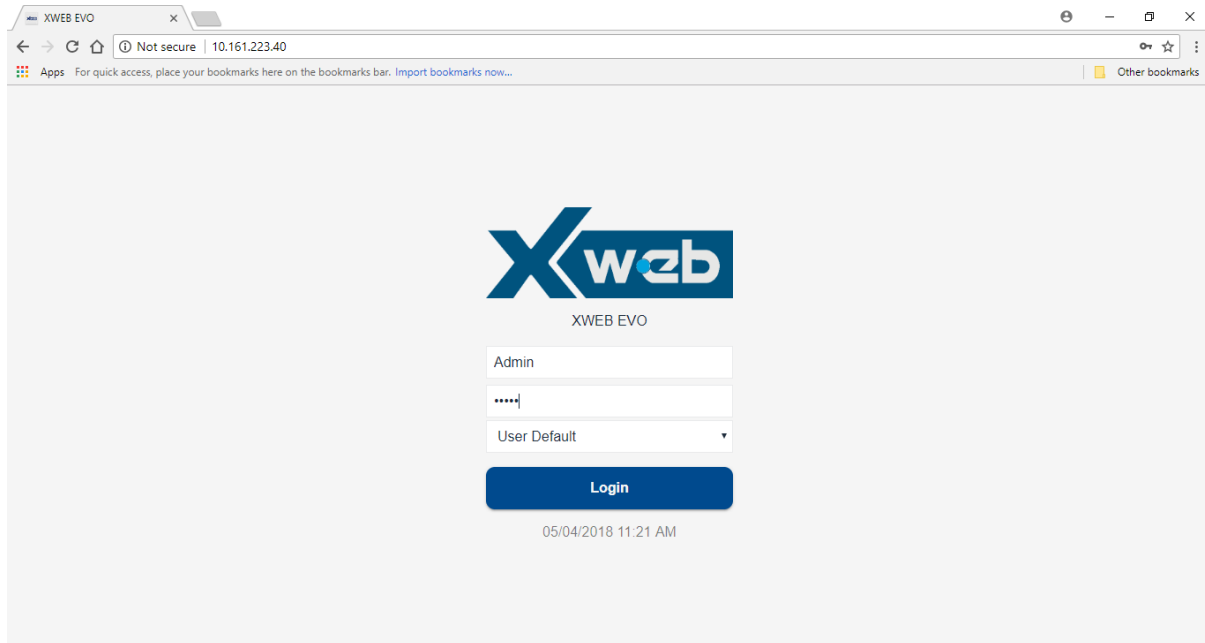
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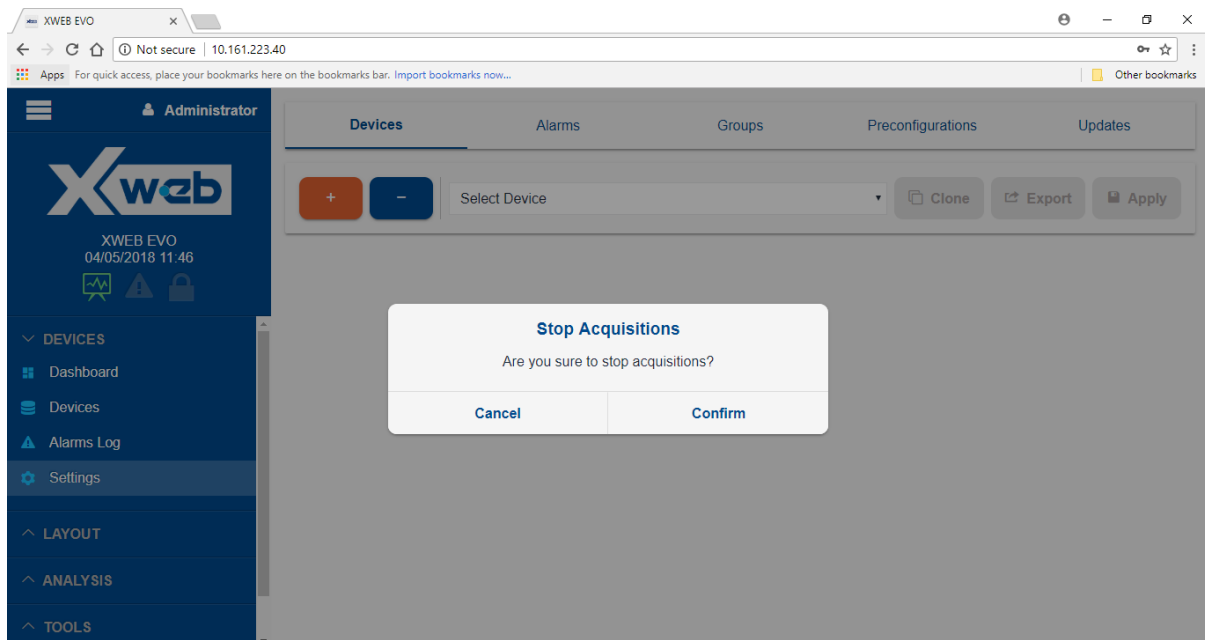
III. Communication Setup

A. Adding XCM25D to XWEB Evo

1. Log-in. Use “Admin” for username and “Admin” for password.



2. Stop the acquisition by pressing the Acquisition icon, then click confirm.

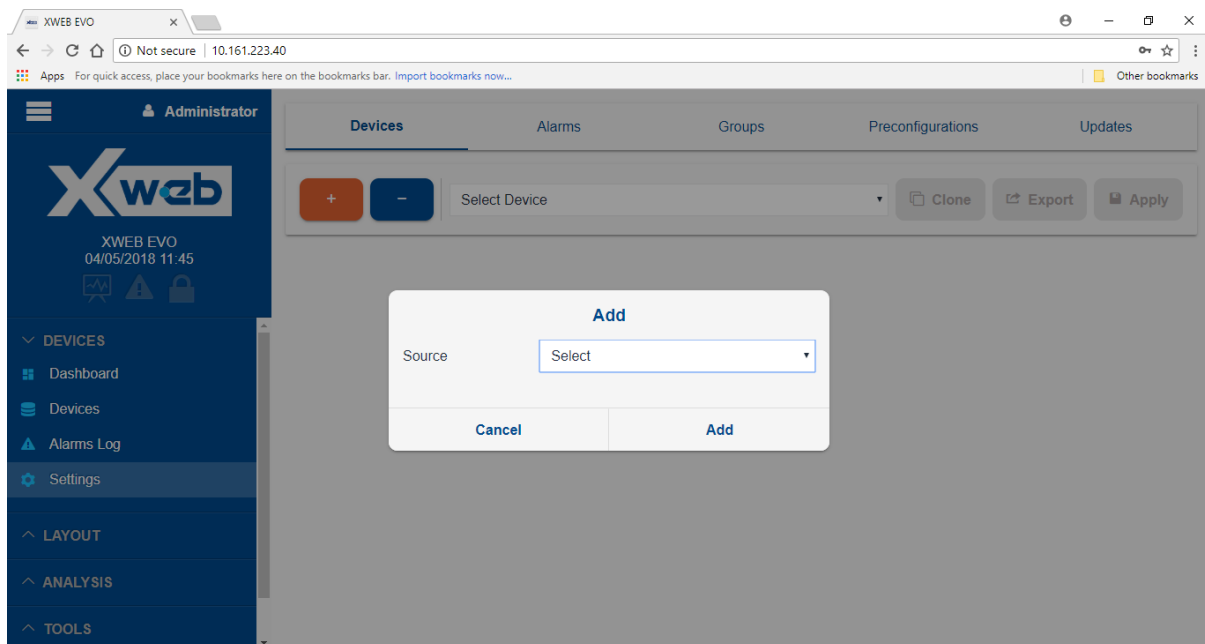


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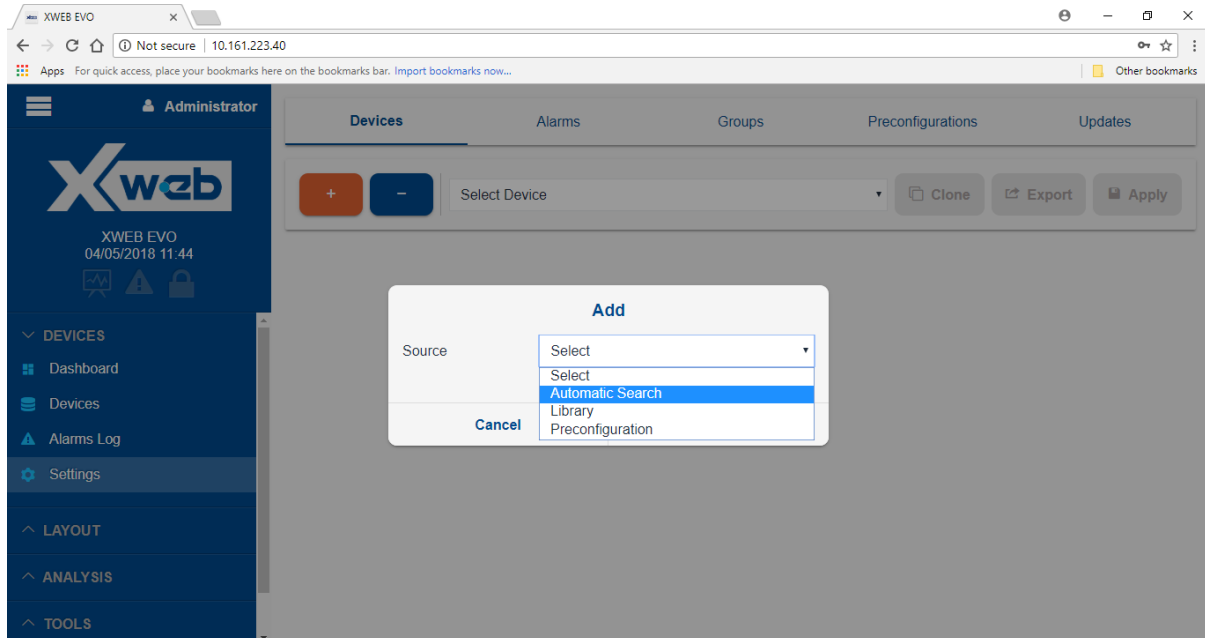
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3. Under Devices tab click Settings then click the + icon



4. Click the Select dropdown menu then click Automatic Search.



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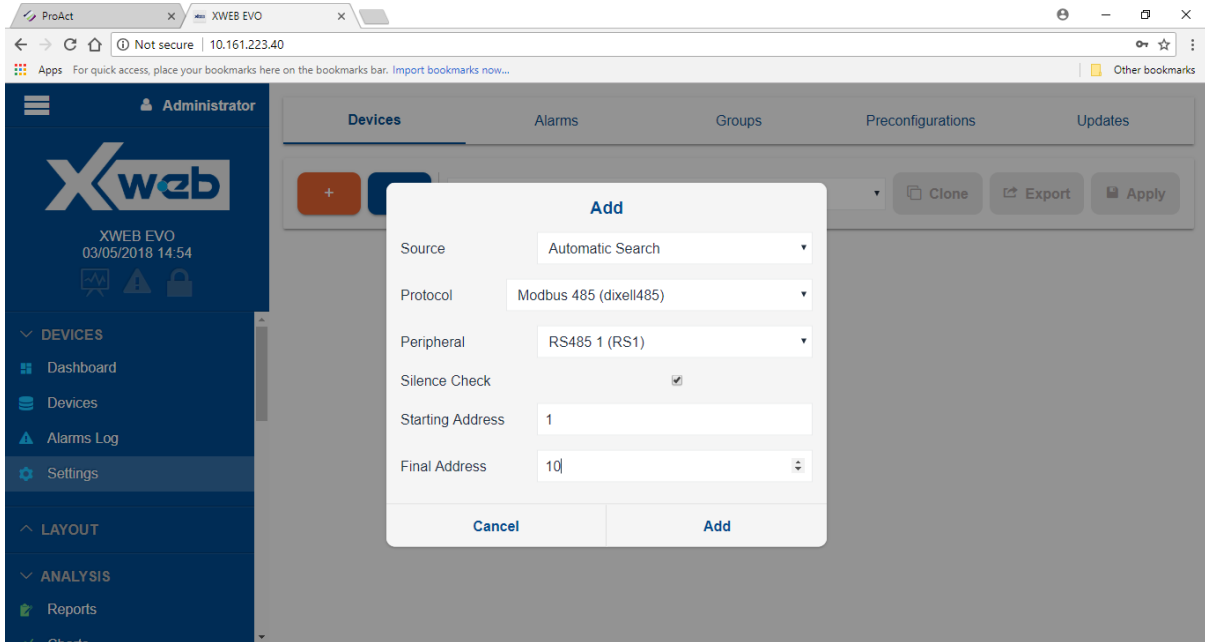
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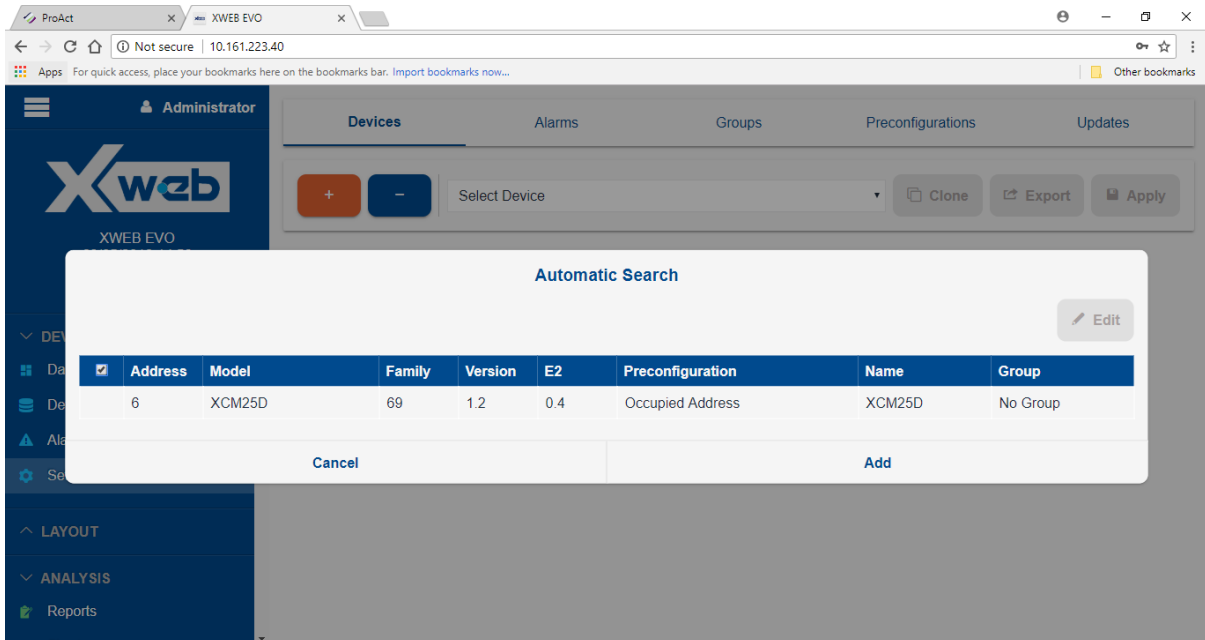
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5. Specify the range of Address, make sure the device network address is within the range. Example Device address is 6, It is reasonable to set the Starting address as 1 and final address as 10, Then click Add.



6. Put a tick mark on the found device, which is the XCM25D then click Add.



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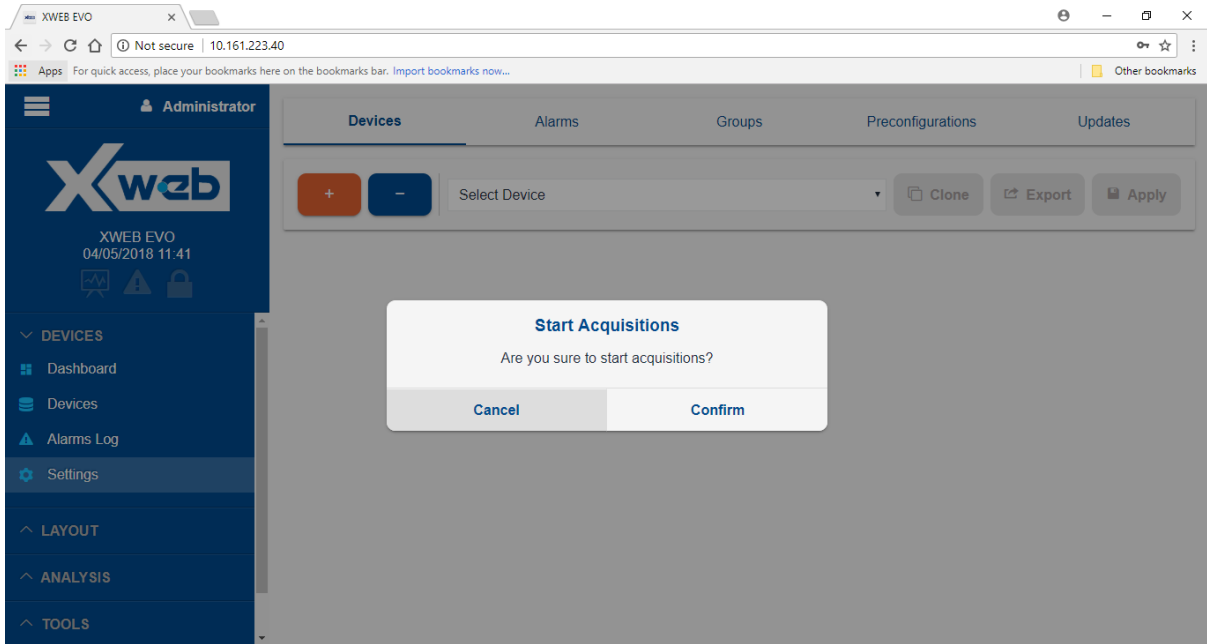
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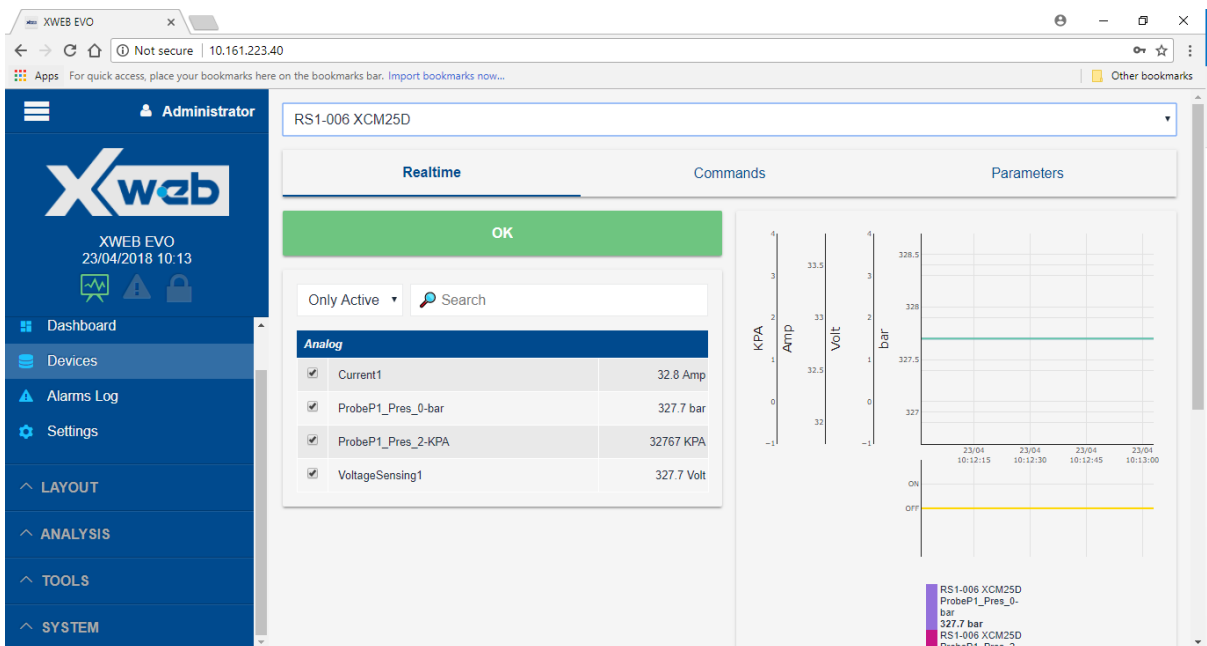
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7. Start the Acquisitions, Click the Acquisition icon then click confirm.



8. Under the Devices tab click Devices, Click the dropdown menu highlight then click the newly added XCM25D to check its status.





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IV. Integration File

Use the below library if the XCM25D is not a native application on xWEB.

Description	Version	EE	File
XCM25D	1.3	0.6	 LIBPackage-20180427-XCM25D_0045000D0006-json.zip
XCM25D	1.3	0.7	 LIBPackage-20180427-XCM25D_0045000D0007-json.zip

Note: Copy and Paste the file on a folder to your computer to download it.