Release Notes – v1.4.1

SYNC© – Omega Device Configuration Software

Updated April 14, 2020

General Remarks

SYNC v1.4.1 release supports the configuration of Omega smart sensor technology devices SP003-1, SP004-1, SP005-1, SP010-1, SP016-1, SP013-1, SP014-1, IF002 in addition to the devices previously released.

The minimum hardware requirements for SYNC installation are: Dual core CPU 3.2GHz or up, Memory 8GB or up, Hard drive 250GB or up.

For more information about the software or if you require technical support, please refer to the User Manual or contact Omega Engineering support at support@omega.com.

New Features

- Supports device password setting [1]
- Supports sensor OnOff control [2]
- Supports advanced user-defined unit and scaling per sensor [3]
- Supports device log data extraction in range and export [4]

Enhancements

- Streamlining sensor unit and display unit
- Login access in the device context menu [5]
- Easy to set up data units [6]
- Easy to define sensor reading gain and offset [7]
- New format in data export files

Removed/Retired Features

- Device User's Manual link is removed from the device attribute list.

Bug Fixes

N/A

Known Issues and Limitations

- SYNC device auto discovery scans all attached USB ports. Non-Omega programable devices could be affected by the scanning. They can be unplugged and re-plugged to disconnect from SYNC if this happens.
- Idle device image will be left in SYNC if the device loses power after connection. It is recommended that the user repower and refresh the device if it this happens.
- The communication between SYNC and a device may be lost. It is recommended that the user clicks the refresh button to reconnect the device should this happen.
- Please review the device configuration settings after importing the configuration from an external file. It's known that some configurable values could be reset during the loading process.
- Only one SYNC can be launched at a time.

Release History

- SYNC1.4.1: SP003-1, SP004-1, SP005-1, SP010-1, SP016-1, SP013-1, SP014-1, IF002
- SYNC1.2.0: supports XW-ED, XW-ED-PRO, XW-EDA, XW-EDA-PRO, SP-001-0, SP-001-1, SP-002-0, SP-002-1, CN616A, DP606A/DP612A [8]
- SYNC1.0.0: supports CN616A, DP606A/DP612A

Notes 1, 2, 3, 4, 5, 6, 7: Features are available only to the Omega smart sensor technology devices.

Note 8: Some of the screen shots included in SYNC 1.2.0 User Manual are taken from Smart Sensor technology device user interfaces. Please refer to the version 1.0.0 user manual for CN616A, DP606A/DP612A user interfaces.