ASDA-Soft Upgrade Release Note

1. Software Version: V4.8.9

2. Release Date: Sep. 26, 2013

3. Model Coverage: ASD-A2, ASD-B2

4. Difference of version V4.8.9 and version V4.8.5

1. Auto Gain Tuning

Correction

- After the Gain Control Panel is enabled, the motor remains at the original direction. [A2, B2]
- After the Gain Control Panel is enabled, for safety concerns, the motor has to stop as soon as the servo disconnects to the computer. [A2, B2]
- After the Gain Control Panel is enabled, FFT function, which is on the panel, does not support A2 and B2 models and had been removed. [A2, B2]
- When desire to enable Gain Control Panel, if full-closed loop control function is activated (the last bit of P1-74 is set to 1), a message will pop up, which means the users are unable to use the function: Disable full-closed loop control before using this function! [A2]
- After the Gain Control Panel is enabled, when the motor runs between position 1 and 2, the delay time should not include the time set by P5-40. [A2]

2. Digital IO /Jog Control

Added Function

- New DI/DO selection of A2 model. [A2]
  - DI: [0x1D] Enable the setting and access of absolute system coordinates; [0x1F] Setup or clear the absolute system coordinates
  - DO: [0x0D] The absolute type system error; [0x0E] Complete the definition of indexing coordinates.
- Update DI/DO selection of B2 model. [B2]

Correction

- Use JOG to operate the motor in forward and backward direction. For safety concerns, the motor has to stop as soon as the servo disconnects to the computer. [A2, B2]

3. Parameter Editor

Added Function

- The description of P0-04 ~ P0-07 is changed to **Reserved**. [A2, B2]
- Update Parameter Setting Helper of P5-39, P5-59 and P5-88. [A2]

4. Scope

Correction

- When save as a SCP file, the too long path with file name will damage the file. [A2, B2]
- Modify monitoring items: [A2]
  - Remove "Full-closed Loop Error" and "Feedback Position [ENC]".
  - Change "Linear Scale Feedback" to "Auxiliary Encoder Feedback [Pulse]" and "Linear Scale and Encoder Position Error" to "Main/Auxiliary Encoder Position Error [Pulse]".

5. Capture / Compare[A2]

Added Function

- Update the selection and function of P5-59.

6. E-CAM [A2]

Correction

- Function of [Cubic Curve Creation]:
  - Error occurs when cross using the curve and table to add / delete points.
  - Value of P5-19 in [Step2: Create Table] should correspond to the one in [Step3: Parameter Setting]. If the setting of P5-19 in [Step2: Create Table] is complete and the file is saved before [Step3: Parameter Setting], the value of P5-19 will be in error because of the asynchronous update of Step 3.
- Function of [Intermittent Printing Machine]:
  - When saving the file, the content of PL: Printing Range is opposite to the one of BL: Spatial Range.
- Function of [Rotary shear – W/O & W/T Sealing Zone]:
  - Record the curve and adjust the parameter so as to remain the content when saving and accessing the file.
- [Cubic Curve Creation (*.ecm)] is added as the way to create E-CAM table. Its operation method is the same as [Cubic Curve Creation]. Use the format of (*.ecm) to save and access the file and it uses cubic curve algorism of HMI to create the table.

7. Connection

Correction

- Correct the problem of B2 connection (If selecting incorrect communication, the software crash shutdown.). [B2]

8. Others

Added / Removed Function

- Information of the current software version is included when saving the file.
- When the model does not support the function, that function has been changed to **Disable**.
- Software announcement:
  - Remind users the web address of ASDA Series Application Note and ASDA-Soft Instruction Manual.
  - After the first reminder, users can choose not to display the reminder again.

1. Software Version: V4.8.5

2. Released Date: Dec. 03, 2012

3. Model Coverage: will be shown at every individual item, for example [A2] or [A2, B2]

4. Difference of version V4.8.5 and version V4.8.4

9. Scope:

Correction

- Aim at ASDA-A2 and ASDA-B2 series: the number of obtained data of each CH (channel) might be different. It would cause the damages of scp files and incorrect diagrams.

10. Parameter Editor

Correction

- Aim at ASDA-A2 and ASDA-B2 series: Parameter Editor window. Correct the procedure of the operation interface when loading different versions of parameter file:
  - The message windows do not pop up, unless it is over the parameter setting values.
  - After entering the parameter, the window pops up for selection:
    - Yes: End of the procedure. (If you have already opened the message window, then this will be the only selection.)
    - Version Differences: the message window will pop up in the left. It is for describing the new-added parameters in current version.
  - The version-difference message does not show 1) the read-only parameters and 2) Write-forbidden parameters while using "**write all parameter**" function.
- Aim at ASDA-A2 and ASDA-B2 series: Parameter Editor. Parameter file is compatible with ASDA Soft V5 (Parameter Format v1005).

11. E-CAM

Correction

- Aim at ASDA-A2 series: ECAM editor window. The description of P5-81 in Simplified Chinese is garbed text.

12. PR Mode Setting

Correction

- Aim at ASDA-A2 series: PR Mode Setup window. Operation procedure: Downloading all parameters right after uploading them from the drive, all parameters will be reset to the default setting (General Parameter Setup, Homing Setting).
- Aim at ASDA-A2 series: Homing Setting of PR Mode Setup window. The change of description of DEC2 alphabetic string: Using the same deceleration time as STP command. Set up the DEC2 setting in **Common Setup** -> **Event Decel Time** -> **STP**.

13. Other

The Added and Removed Function

- Aim at ASDA-A2 and ASDA-B2 series: Add software updated document in **Revision History** from **Help**.
- Aim at ASDA-A2 series: Add AL237 information in **Alarm Information**.
- Aim at ASDA-A2 and ASDA-B2 series: Remove the function of **Model Information**.