

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

Procedure to Install Uni-10 Firmware

Refer to the *Uni-10 Setup Manual* for complete information.

1. Copy the scale firmware folder "Soft" onto an empty USB memory stick.
 - The "Soft" folder itself must not be zipped even if some files in the folder are.
 - The "Soft" folder should be the only data on the USB memory stick.
2. Power up the scale and press the green **ENTER** button at the Date/Time confirm screen.
3. Open the access panel on the left side of the scale and insert the USB memory stick into any of the four USB ports.
 - No other USB devices should be connected.
4. Press the **RETURN ARROW** key (upper right) to enter the Main menu.
5. Press the **LOGIN** key (lower left).
6. Enter **495344** and press the **PLU** key to access hidden menu steps.
7. Press the **ADJUST** menu button.
8. Select **DOWNLOAD**.
9. Press the firmware version to be installed. It will be highlighted in yellow.
10. Press **EXEC** to confirm the selection.
11. Press **EXEC** to begin the firmware download.
12. The screen will show the firmware download progress. The download will take several minutes to complete.
13. When the Re-Boot Check message 15029-0002 is displayed, the firmware download is complete. The scale will automatically reboot.
14. Press the green **ENTER** button at the Date/Time confirm screen.
15. Press the **RETURN ARROW** key (upper right) to enter the Main menu. Then press the **LOGIN** key (lower left).
16. Enter **495344** and press the **PLU** key to access hidden menu steps.
17. Press the **ADJUST** menu button, then select **MEMORY CLEAR**.
18. Press **CLEAR** to ensure there is no unintended data resulting from the new firmware.
19. Press **EXEC** to confirm the memory clear.
20. Press the **RETURN ARROW** key (upper right) after the result of **OK** is displayed.
21. From the **ADJUST** menu select **DOWNLOAD**.
22. Press the **SUB APP** tab.
23. Press the program to be installed. It will be highlighted in yellow. Select only one Sub App program at a time.
24. Press **EXEC** to confirm the selection. Press **EXEC** to begin the firmware download.
25. The screen will show the firmware download progress. The download will take several minutes to complete.
26. When the Re-Boot Check message 15029-0002 is displayed the firmware, download is complete. The scale will automatically reboot.
27. Press the green **ENTER** button at the Date/Time confirm screen.
28. Press the **RETURN ARROW** key (upper right) to enter the Main menu.
29. Press the **LOGIN** key (lower left).
30. Enter **495344** and press the **PLU** key to access hidden menu steps.
31. Repeat steps 21 ~ 27 to load the remaining Sub App programs.
32. Remove the USB memory stick.

CM0001x MAIN FIRMWARE RELEASE NOTES
Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

Table of Contents

Procedure to Install Uni-10 Firmware	1
Version CM0001E1	3
Version CM0001E	3
Version CM0001D	4
Version CM0001C12	5
Version CM0001C10	6
Version CM0001C6	7
Version CM0001C5	8
Version CM0001C	8
Version CM0001B	9
Version CM0001A	10
Version CM0001	11

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

Version CM0001E1

Release Date: June 2024

Use with SLP-5 **2.62** or later (required for compatibility)

Main: **CM0002E1**
Scale Driver: J0994 (J0835)
OS:
 12.1 inch J1100-4
 10.1 inch J1100-2
BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization is required when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM0001D** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

The following lists the main changes from the previous version (CM0001E)

1. Modified the receipt barcode setup to remove the "Custom" option. If selected the Uni-10 would lock up when the accumulated label was printed.

Version CM0001E

Release Date: May 2024

Use with SLP-5 **2.62** or later (required for compatibility)

Main: **CM0002E**
Scale Driver: J0994 (J0835)
OS:
 12.1 inch J1100-4
 10.1 inch J1100-2
BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer



Caution

Memory initialization **is required** when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM0001D** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

The following lists the main changes from the previous version (CM0001D)

1. Modified operation of the Auto Print Delay to also apply after the first label for weighed items.
2. Removed a duplicate listing of Use By Date Print in the Receive Control menu (Setup menu → Machine No. → PC Comm tab).
3. Modified Store and Cooking Time lists to select an item by double tapping to match other lists (Program menu).
4. Added date format options to the Custom Barcode (Setup menu). The format selection is made by setting the Start value to one of the options 1-8.
1: YYYYMMDD 2: MMDDYYYY 3: DDMMYYYY
4: YYMMDD 5: MMDDYY 6: DDMMYY
7: MMDD 8: DDMM

Known Issue: Only one label, is printed for Fixed Price PLUs in Auto Print mode.

Version CM0001D

Release Date: May 2024

Use with SLP-5 **2.62** or later (**required** for compatibility)

Main: **CM0002CD**
Scale Driver: J0994 (J0835)
OS:
12.1 inch J1100-4
10.1 inch J1100-2
BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization **is required** when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM0001C12** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

The following lists the main changes from the previous version (CM0001C12)

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

1. Fixed a bug where the weight and tare values were not shown on the operation screen.

Known Issue: Only one label, is printed for Fixed Price PLUs in Auto Print mode.

Version CM0001C12

Release Date: April 2024

Use with SLP-5 **2.62** or later (required for compatibility)

Main: **CM0002C12**
Scale Driver: J0994 (J0835)
OS:
 12.1 inch J1100-4
 10.1 inch J1100-2
BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization is required when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM001C10** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

The following lists the main changes from the previous version (CM0001C10)

1. Modified the operation of the ADD function.
 - a. Allow accumulation format #98 to expand when using continuous label.
 - b. Display an error with instructions when the maximum 20 items have been accumulated.
 - c. Automatically clear the accumulation and return to the main screen after the label has been printed.
 - d. Change the title at the top of the center column to "QTY/WGT".
 - e. Print "lb" after the weight for weighed items on the label.
 - f. When OK is pressed at message 11045-0002 "MAXIMUM ITEMS HAVE BEEN ACCUMULATED", go to the PLU Memory screen listing the accumulated items.
 - g. Fix problem where odd characters are displayed following the Tare and Weight titles on the main screen after printing the accumulated label.
 - h. Fix a problem where the scale locked up when printing the accumulated label if a PLU has only one line of description.
 - i. Add the option to print a fixed barcode or the barcode of the first accumulated PLU.
Setup menu → Operation Settings → Print tab → Accum. Barcode Print.

Notes:

- The fixed barcode is set at Setup menu → Receipt Setting → Barcode tab → Receipt Code.

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

- The label header title is set at Setup menu → Receipt Setting → Title tab → Header Text

Known Issue: Only one label, is printed for Fixed Price PLUs in Auto Print mode.

Version CM0001C10

Release Date: April 2024

Use with SLP-5 **2.62** or later (required for compatibility)

Main: **CM0002C10**
Scale Driver: J0994 (J0835)
OS:
 12.1 inch J1100-4
 10.1 inch J1100-2
BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization is required when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM001C6** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

The following lists the main changes from the previous version (CM0001C6)

1. Modified the operation of the ADD function.
 - a. Fixed a bug where the scale locked up when the Return Arrow was pressed to go back to the main screen after printing the accumulated label.
 - b. Changed the title of the message 11045-0002 to "MAXIMUM ITEMS HAVE BEEN ACCUMULATED".
 - c. Changed the "RECEIPT PRINT" button to "PRINT ACCUM." and changed the button color to green to highlight it
 - d. Remove the "PRINT" key from the accumulation screen.
 - e. Changed to display the Quantity as "X PC" instead of "X EA".
 - f. Changed the prices to print with right justification on accumulation format #98.
 - g. Changed unit for fixed price items from "QTY" to "PC".

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

Version CM0001C6

Release Date: March 2024

Use with SLP-5 **2.62** or later (required for compatibility)

Main: **CM0002C6**
Scale Driver: J0994 (J0835)
OS:
 12.1 inch J1100-4
 10.1 inch J1100-2
BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization is required when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM001C5** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

The following lists the main changes from the previous version (CM0001C5)

1. Added the ADD function to accumulate PLUs for "build a sandwich" or similar operations.
 - a. Added preset function key 524: ADD.
 - b. Weighed and Fixed Price items may be accumulated.
 - c. The Unit Price and Quantity may be changed on the accumulated (PLU Memory) screen.
 - d. The ADD key is a split key. The lower half displays the status:
 - NONE: no PLUs have been accumulated (white background)
 - WAITING: one or more PLUs have been accumulated (green background)
 - There is no need to split the key on the Function key page. The button is just pressed to add items to the accumulation.
 - Press the ADD key from the main screen to display the list of accumulated items.
 - e. Up to 20 items may be accumulated.
 - f. The accumulated items are printed using label format #98.
 - g. The barcode is set at Setup menu → Receipt Setting → Barcode tab → Receipt Code.
 - h. After printing the accumulated label, a prompt is displayed to clear the items from memory.

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

Version CM0001C5

Release Date: December 2023

Use with SLP-5 **2.62** or later (required for compatibility)

Main: **CM0002C5**
Scale Driver: J0994 (J0835)
OS:
 12.1 inch J1100-4
 10.1 inch J1100-2
BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

NOTES:

- After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization is required when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM0001C** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

The following lists the main changes from the previous version (CM0001C)

- Fixed a bug where the price could not be changed on the PLU List screen: Program menu → PLU.
- Added support for the preset key Style "NO" to communication with SLP-5. This style support images only with no background key outline. Current descriptions at the Uni-10 in SLP-5 as of version 2.62.

Uni-10	SLP-5
ANGLE	Thick Box
ROUND	Thick Corner Round
NO	Flat Box

- Fixed a bug where sending preset keys to the Uni-10 could cause an "out of range" error in SLP-5.

Version CM0001C

Release Date: October 2023

Use with SLP-5 **2.62** or later (required for compatibility)

Main: **CM0002C**
Scale Driver: J0994 (J0835)
OS:
 12.1 inch J1100-4
 10.1 inch J1100-2

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization is required when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM0001B** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

The following lists the main changes from the previous version (CM0001B)

1. Fixed a bug where the "\$" did not print correctly for font sizes 14x10, 24x18, 34x16, and 56x 24.
2. Fixed a bug where the markdown price calculation was incorrect when the number of pieces was changed in operation mode.
3. Fixed a bug where the markdown price was not displayed correctly on the customer side display.
4. Fixed a bug where the markdown price was not displayed on the customer display when the PLU was in a Campaign.
5. Fixed a bug where a custom barcode was not correctly linked to a QR Code.
6. Fixed the "/FOR" field to print correctly.
7. Fixed the label preview to display correctly.
8. Modified the Calculated Unit Price (Print ID 1A8) to print only when the PLU Sales Mode is "2:Wgt w/ Fixed Price".
9. Added a slash symbol "/" to indicate the line break when displaying PLU lists where the PLUs have multiple lines in the description.

Version CM0001B

Release Date: July 2023

Use with SLP-5 **2.62** or later (required for compatibility)

Related Programs

Main: **CM0002B**
Scale Driver: J0994 (J0835)
OS:
 12.1 inch J1100-4
 10.1 inch J1100-2
BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization is required when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM0001A** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

The following lists the main changes from the previous version (CM0001A)

1. Changed the function key numbers to avoid duplication with other models. Numbers 521 to 540 are reserved for the Uni-10.
 - 521: MES SEARCH
 - 522: PLU(+No.)
 - 523: BACKGROUND

Version CM0001A

Release Date: May 2023

Use with SLP-5 **2.62** or later (required for compatibility)

Related Programs

Main: **CM0002A**
Scale Driver: J0994 (J0835)
OS:
 12.1 inch J1100-4
 10.1 inch J1100-2
BOOT: J1072C
FPGA App.: J1101
Scale: J0776L or later
Printer App: B0809B or later

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization is required when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading from firmware **CM0001** or an earlier version. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

The following lists the main changes from the previous version (CM0001)

1. Fixed the size of the ISHIDA logo to appear on the customer side Display.
2. Fixed an issue where the Ad Message did not display the entire video.
3. Modified the Ad Message to play a silent video.
4. Modified to allow a PLU set as sale mode 3: Case Weight (Fix UPR) sent to the scale to include a fixed weight up to 99.999 lb.
5. Added "Bakery (XL)" as an option for service support when the scale is not functioning. (Adjust menu → Machine Type).
6. Fixed a bug where PLU key type 468: PLU(+No.) could not be edited using the 447: Preset Edit function key.
7. Fixed the Time Zone to sound an error when the key is pressed and the service password has not been entered in the main menu. (Adjust menu → Date Time).
8. Fixed the Logo Image to display the description and icon correctly. (Program menu).
9. Fixed a bug where pressing the PLU name area after calling PLU did not display a label preview.
10. Fixed a bug causing abnormal behavior when printing a GTIN barcode due to the lack of buffer memory allocated for the data.
11. Added an "Update Thumbnail" setting to the File Save/Load menu → Detail. (Setup menu).
12. Fixed a bug where the scale would lockup when sending or receiving data to a USB. (Setup menu → File Save/Load).
13. Enhanced the search speed of function key 467: Ingredient Search.
14. Fixed a bug where the search results from a large amount of ingredients did not show all pages when using function key 467: Ingredient Search.

Version CM0001

Release Date: February 2023

Use with SLP-5 **2.62** or later (**required** for compatibility)

Related Programs

Main: CM0002

Scale Driver: J0994 (J0835)

OS:

12.1 inch J1100-4

10.1 inch J1100-2

BOOT: J1072C

FPGA App.: J1101

Scale: J0776L or later

Printer App: **B0809B** or later

NOTES:

- a) After downloading the Main program, download the Printer Sub App and FPGA Sub App programs one at a time as needed.
- b) After changing the color printer connection method or IP address the Uni-10 must be rebooted to activate the change [Setup menu → Machine No. → Outside Printer]



Caution

Memory initialization is required when upgrading to this firmware version. Use SLP-5 Maintenance Utility and SLP-5 to backup the scale before upgrading the firmware. Due to significant changes in the memory structure, after firmware installation a standard memory clear will be necessary: **Master Data Clear** (Adjust menu → Memory Clear) & **System Data Init.** (Setup menu → File Save/Load → Scale Init. tab). [8.6.1921.6]

CM0001x MAIN FIRMWARE RELEASE NOTES

Ishida Uni-10 Series – with Support for the Epson ColorWorks Printer

The following lists the main changes from the previous version (Uni-9: C2417K)

1. CM0001 is the initial release of Uni-10 firmware.
2. Fixed a bug where Display and Logo images were not updated when sent to the scale.
 - a. When the Department function is disabled, the leading 4-digit number in the image file is now forced to be "0001". Example:
0000IMAGExxx.bmp → 0001IMAGExxx.bmp
0002IMAGExxx.bmp → 0001IMAGExxx.bmp
 - b. When the Department function is enabled, the leading 4-digit number in the image file is not changed.
 - c. The Department No. (=Network No.)
3. Added the NEXT key to scroll through search results when using function key 467:
Ingredient Search
4. Updated the Printer Sub App to B0809B to support Head Check Noise detection and fix a driver issue related to the UART.