

Technical Report

ROM UPGRADE..... (8)

Caution for firmware upgrade

• If upgrading from the version 0203E200_25031900. 0201Y200_25031900 or earlier you won't be able to restore original version.

1. Model Name:

BP-C131WD, BP-C131PW

2. Description:

Upgrade of MCU-MAIN, PCU, LANGUAGE-ROM

From May 2026 production.						
Model	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	LANGUAGE
BP-C131WD	D02	0402E200_26042700	0402E200	0100E20a	0203E200	0125E200
BP-C131PW	D02	0402Y200_26042700	0402Y200	0100Y20a	0203E200	0125E200
Notification	- Last 8-digit of BUNDLE version is displayed when updating the firmware in the field. Factory default is fixed to 00000000.					
Item of change	- See page 2.					

ROM Version History Table of BP-C131WD

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	LANGUAGE	Action	T/R No.
(7)	D00	0400E200_25121100	0400E200	0100E20a	0202E200	0121E200	Jan.2026	CCE-3451
(6)	C01	0301E200_25090100	0301E200		0201E200	0112E200	Sep.2025	CCE-3320
(5)	C00	0300E200_25052200	0300E200		0200E200	0111E200	Jun.2025	CCE-3320
(4)	B03	0203E200_25031900	0203E200		0100E20f	0100E20a	Apr.2025	CCE-3277
(3)	B02	0202E200_25030300	0202E200			0100E200	Mar.2025	CCE-3265
(2)	B01	0201E200_25020600	0201E200				Feb.2025	CCE-3249
(1)	B00	0200E200_25012700	0200E200				Feb.2025	CCE-3239

ROM Version History Table of BP-C131PW

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	LANGUAGE	Action	T/R No.
(7)	D00	0400Y200_25121100	0400Y200	0100Y20a	0202E200	0121E200	Jan.2026	CCE-3451
(6)	C01	0301Y200_25090100	0301Y200		0201E200	0112E200	Sep.2025	CCE-3320
(5)	C00	0300Y200_25052200	0300Y200		0200E200	0111E200	Jun.2025	CCE-3320
(4)	B01	0201Y200_25031900	0201Y200		0100E20f	0100E20a	Apr.2025	CCE-3277
(1)	B00	0200Y200_25012700	0200Y200			0100E200	Feb.2025	CCE-3239

Item of change

No.	Item	Detail
1	Specification	(For Europe/UK only) - Added [Sharp OSA] to [System Settings] > [Init. Install. Settings] > [Enable Functions for Use]. - Added [Sharp OSA] to [Enable Functions for Use] in initial setup wizard.
2	Specification	Reduced size of OSA custom icon.
3	Main unit control	Fixed a bug where [Advanced Settings ID:00052 Cleaning Sheet Automatic Printing Operation Setting] is not initialized after execution of [Initialize Private Data/ Data in Machine].
4	Main unit control	Fixed a bug where it takes too long for the device to become responsive again after canceling a job with Job Build (either copy or printer).
5	Main unit control	Fixed a bug where execution of [System Settings] > [Home Screen Settings] > [Condition Settings] > [Return to the Defaults] might not initialize the settings.
6	Main unit control	Fixed a bug where turning off the power while executing [System Settings] > [System Control] > [Reset Settings] > [Reset the NIC] might prohibit communication.
7	Main unit control	Fixed a bug where selecting 8th registered group in [User Control] > [Access Control Settings] > [Pages Limit Group] > [Add] > [Select the Group Name to be the Registration Model] prohibits reflection of setting value.
8	Main unit control	(BP-C131PW only) Fixed a bug where clicking the Home key link on [System Settings] > [Home Screen Settings] > [Condition Settings] to open [Home Screen Registration] might cause the display of processing error.
9	Main unit control	Fixed a bug where a screen which prompts replacement of waste toner box might not appear after pressing Start key to perform Print-Hold/USB Memory Direct Print while the waste toner box was full. The message "The job cannot be executed, previous job is still in progress." incorrectly appeared instead.
10	Main unit control	Added a feature to Soft SW which changes the control to print low coverage images or single print, aimed to prevent clogging of waste toner port of Process unit. SIM55-1, SW 8, Data 3: 0: Conventional operation (Default) 1: Reduced toner replenishment / Increased laser power
11	Printer	Fixed a bug where cancellation of a job right before the output of last paper might prevent the subsequent printing job from starting.
12	Printer	Fixed a bug where size of the image for USB Memory Direct Print might differ from the paper size of the tray if the tray is selected for the job.

No.	Item	Detail
13	Printer	Fixed a bug where set value of sort items on file/folder screen for USB Memory Direct Print is restored to default after turning off and on the power.
14	Printer	Optimized engine operation while processing print job in monochrome with color mode set to [Auto].
15	Copy	Fixed a bug where device might freeze while scanning large volume original for copy instead of displaying the message "Memory is full."
16	Copy	Fixed a bug where scanning might stop depending on the timing of image creation processing, print processing or toner replenishment to copy multiple pages of original.
17	Image Send	Fixed a bug where cancellation of fax transmission right after the start might cause the message "Scanning original" to remain or prevent scanning of original for subsequent fax transmission from starting.
18	Image Send	Fixed a bug where device may freeze depends on the timing to clear the original jammed during Scan to USB.
19	Image Send	Fixed a bug in Scan To SMB where the device would freeze without allowing cancellation if image processing could not be performed due to insufficient memory or a timeout while scanning documents.
20	Image Send	Fixed a bug where "COM TIME" and "PP." on Image Sending Activity Report shows the values counting up the previous values even though SIM66-1 (Fax Soft SW), SW95, Data 8 (Retain history of Image Sending Activity Report (Fax)) is set to "0: Do not reprint histories that have already been printed".
21	Image Send	Fixed a bug where device may freeze depending on the timing to switch to Fax mode screen after resuming from energy save mode.
22	OSA	Fixed a bug where the values entered in the text box in OSA might not be deleted.
23	OSA	Fixed a bug where auto clear is executed in OSA even when it is disabled.
24	OSA	Fixed a bug where user name blankuser might not be notified to OSA external authentication server if there was no credential for a print job with OSA external authentication. (Notification of the user name Other2 in case of invalid name has also been fixed in the same manner.)
25	OSA	Implemented support for [LOGIN_SCREEN] and [OSA_APPLICATIONS] in OSA.
26	OSA	Fixed a bug where device may freeze depending on the timing to change screen and notify end in OSA.
27	OSA	Fixed a bug where NJR codes might not be included in job result notification in OSA external authentication.
28	OSA	Fixed a bug where device may freeze if an OSA application is registered in [System Settings] > [Home Screen Settings].
29	OSA	Fixed a bug where Address Book in the device was searched in OSA external authentication even though it was set to search LDAP.

Technical Report

ROM UPGRADE..... (7)

Caution for firmware upgrade

• If upgrading from the version 0203E200_25031900. 0201Y200_25031900 or earlier you won't be able to restore original version.

1. Model Name:

BP-C131WD, BP-C131PW

2. Description:

Upgrade of MCU-MAIN, PCU and LANGUAGE-ROM

From January 2026 production.						
Model	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	LANGUAGE
BP-C131WD	D00	0400E200_25121100	0400E200	0100E20a	0202E200	0121E200
BP-C131PW	D00	0400Y200_25121100	0400Y200	0100Y20a	0202E200	0121E200
Notification	- Last 8-digit of BUNDLE version is displayed when updating the firmware in the field. Factory default is fixed to 00000000.					
Item of change	- See page 2.					

ROM Version History Table of BP-C131WD

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(6)	C01	0301E200_25090100	0301E200	0100E20a	0201E200	Sep.2025	CCE-3320
(5)	C00	0300E200_25052200	0300E200		0200E200	Jun.2025	CCE-3320
(4)	B03	0203E200_25031900	0203E200		0100E20f	Apr.2025	CCE-3277
(3)	B02	0202E200_25030300	0202E200			Mar.2025	CCE-3265
(2)	B01	0201E200_25020600	0201E200			Feb.2025	CCE-3249
(1)	B00	0200E200_25012700	0200E200			Feb.2025	CCE-3239

ROM Version History Table of BP-C131PW

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(6)	C01	0301Y200_ 25090100	0301Y200	0100Y20a	0201E200	Sep.2025	CCE-3320
(5)	C00	0300Y200 25052200	0300Y200		0200E200	Jun.2025	CCE-3320
(4)	B01	0201Y200_ 25031900	0201Y200		0100E20f	Apr.2025	CCE-3277
(1)	B00	0200Y200_ 25012700	0200Y200			Feb.2025	CCE-3239

Item of change

No.	Item	Detail
1	Specification	(For SCA/SCNZ only) Updated firmware in response to Australia' s CYBER SECURITY ACT 2024 (NO. 98, 2024) - [Administrator Password Setting] and [User Password Setting] are added to initial wizard.
2	Specification change	Support for Sharp OSA (Version: LE 1.0) • SIM26-74 (OSA TRIAL MODE) 0: ON 1: OFF (Default)
3	Specification	Added a feature to enable/disable the SNMP GETBULK command to Advanced Settings as listed below: [System Settings] > [System Control] > [Advanced Settings] ID: 00075 SNMP GETBULK Setting - Enable SNMP GETBULK command ON (Default) OFF *Default is [Off] for Europe/UK only.
4	Specification change	Support for Encrypt PDF during push scan [System Settings] > [Image Send Settings] > [Condition Settings] > [Encryption Level of PDF] • Encryption Level of PDF RC4 128 bit AES 128 bit AES 256 bit (Default) • Use Only AES 256 bit OFF (Default) ON
5	Main unit control	Fixed a bug where MFP may freeze upon exporting Device Cloning data while either [Start Time for Accepting Update] or [End Time for Accepting Update] in [System Settings] > [System Control] > [Firmware Update Settings] is set to [--].
6	Main unit control	Fixed a bug where MFP fails to shut off while [System settings] > [Energy Save] > [Eco Setting] > [Auto Power Shut-Off Timer] > [Remote Job] is set to [min. (1-60)].
7	Main unit control	Fixed a bug where SCU might fail to activate during recovery from energy-save, causing the MFP to reboot.
8	Main unit control	Fixed a bug where data may not be cleared after selecting [ALL] and [EXECUTE] in the simulation modes below: SIM 46-52 (Set Gamma Default for Heavy Paper in Copy Mode and Image Process Mode) SIM 67-52 (Set Default of Printer Screen Gamma)
9	Main unit control	Changed the guidance to clear paper jam, aimed to prevent paper jam at Manual feed tray caused by misalignment of Manual feed transport paper guide. It may occur when paper is loaded onto Tray 1 without fully pulling out Tray 1.

No.	Item	Detail
10	Main unit control	Fixed an issue where tapping start scan during a print job could prevent subsequent scan jobs from running.
11	Main unit control	Fixed a bug where multiple JAM events could be recorded for a single JAM if JAM guidance was terminated or the door was closed while JAM was still active.
12	Main unit control	Fixed a bug where user authentication might be requested at startup even when the user authentication feature was disabled.
13	Main unit control	Changed trouble detection process to prevent false detection of L4-80 (Color DV Rotation Trouble) due to noise etc.
14	Main unit control	Fixed a bug where printing might not start if the remote operation panel was connected over 100 times.
15	Printer	Fixed a bug where MFP might enter energy save mode without printing if the timing to enter energy save mode overlapped with the print job reception timing.
16	Copy	Fixed a bug where the job could not be executed from the manual feed tray when calling a job program in copy mode that uses the manual feed tray.
17	Image Send	<p>Added a feature which switches the operation to retain history of Image Sending Activity Report (Fax) to Fax Soft SW.</p> <ul style="list-style-type: none"> • SIM 66-1 SW 95 Data 8 <p>0: Do not reprint histories that have already been printed (Default) 1: Print the most recent 50 histories including those already printed (Conventional behavior) *The default setting will be [0: Do not reprint history entries that have already been printed] for machines manufactured from January 2026. The above setting will not change even if this firmware is applied to machines manufactured in December 2025 or before. The default setting will be [1: Print the most recent 50 entries including those already printed].</p>
18	Image Send	<p>To address the issue where the recipient's fax machine does not switch to receive mode during transmission, a feature to switch the FLAG detection method has been added to the Fax soft SW.</p> <ul style="list-style-type: none"> • SIM 66-1 SW 26 Data 7 <p>0: Use frequency filter of 1650Hz (as per usual) (Default) 1: Detection with FLAG pattern data (0x7E)</p>
19	Image Send	Fixed a bug which a blank paper may be output after reboot if the power failure occurred during fax reception.
20	Image Send	Fixed a bug where Scan to FTP using SSL/TLS sometimes fail.
21	Image Send	Fixed a bug which the MFP may freeze depends on the timing of paper jam and job canceling when original is jammed while performing Scan To USB.
22	Main unit control	<p>(For Europe/UK only)</p> <p>Fixed an error which may have occurred when the buffer used to read the character string serves as a reset key from a file to execute admin password reset to comply with RED was not initialized</p>
23	Network	Fixed a bug in Synappx Manage where MIB could not be obtained while SNMPV1 was disabled.

Technical Report

ROM UPGRADE..... (6)

Caution for firmware upgrade

• If upgrading from the version 0203E200_25031900. 0201Y200_25031900 or earlier you won't be able to restore original version.

1. Model Name:

BP-C131WD, BP-C131PW

2. Description:

Upgrade of MCU-MAIN, PCU and LANGUAGE-ROM

From September 2025 production.						
Model	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	LANGUAGE
BP-C131WD	C01	0301E200_25090100	0301E200	0100E20a	0201E200	0112E200
BP-C131PW	C01	0301Y200_25090100	0301Y200	0100Y20a	0201E200	0112E200
Notification	- Last 8-digit of BUNDLE version is displayed when updating the firmware in the field. Factory default is fixed to 00000000.					
Item of change	- See page 2.					

ROM Version History Table of BP-C131WD

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(5)	C00	0300E200_25052200	0300E200	0100E20a	0200E200	Jun.2025	CCE-3320
(4)	B03	0203E200_25031900	0203E200		0100E20f	Apr.2025	CCE-3277
(3)	B02	0202E200_25030300	0202E200			Mar.2025	CCE-3265
(2)	B01	0201E200_25020600	0201E200			Feb.2025	CCE-3249
(1)	B00	0200E200_25012700	0200E200			Feb.2025	CCE-3239

ROM Version History Table of BP-C131PW

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(5)	C00	0300Y200_25052200	0300Y200	0100Y20a	0200E200	Jun.2025	CCE-3320
(4)	B01	0201Y200_25031900	0201Y200		0100E20f	Apr.2025	CCE-3277
(1)	B00	0200Y200_25012700	0200Y200			Feb.2025	CCE-3239

Item of change

No.	Item	Detail
1	Specification	In response to the complete discontinuation of Basic Authentication for Microsoft Exchange Online scheduled for March to April 2026, support has been added for the device flow method (configuration via the device web page) for SMTP/POP3 OAuth 2.0 authentication.
2	Specification	Added a feature concerning file name for forwarding faxes which allows to change the sender's name to the Address Book contact, if the sender is registered in the address book. *Go to [System Settings] > [Image Send Settings] > [Inbound Routing (Forwarding/Storing) Settings] > [Administration Settings] and set [File Naming] to [Sender Name]. Also set [If received from a contact registered in the address book, sender's name is changed to contact's name.] to [ON].
3	Specification	Implemented modification to recover from energy saving mode when connected via VNC (remote control software) during energy saving mode.
4	Main unit control	Fixed a problem where the MFP might display a jam after an automatic restart following 20 consecutive days of operation, even when no jam had occurred if the MFP had never transitioned to 1W sleep mode.
5	Main unit control	Fixed an issue where the message "Please wait." would remain displayed if the default display screen was set to [Fax] and a problem occurred during startup.
6	Main unit control	Fixed a problem where SIM 66-2 would change to [GERMANY] instead of [FRANCE] after executing [Initialize Private Data/ Data in Machine] when SIM 26-6 (Set Destination Area.) was set to [EUROPE] and SIM 66-2 (Set country code and default for country code.) was set to [FRANCE],
7	Main unit control	(North America, Europe, and UK only) Fixed a problem where the default setting for [DISPLAY SETTING] in SIM 27-20 (Enhanced FSS Settings) was incorrect, preventing the Synappx Manage settings [Enhanced FSS Settings] from appearing on the System Settings screen. Related TR: CCE-3340
8	Main unit control	Increased frequency to apply lubricant after clearing maintenance counter in TC1 UNIT (Primary transfer) of SIM24-4 (Clear Maintenance Count and Printer Count for Transfer Unit and Fusing Unit).
9	Printer	Fixed an issue where subsequent attempts to cancel the print job or print may fail after starting AirPrint on iOS 18 or later and immediately canceling the print job on the iOS device.
10	Printer	Fixed a problem where PDFs might not print when using AirPrint from iOS due to width of the font embedded in the PDF file.
11	Printer	Fixed a problem where printing may not be possible when mixed paper sizes and color/monochrome are used.
12	Copy	Fixed a problem where copying failed due to memory not being allocated for scanning if it took a long time to replenish toner during a copy job.
13	Image Send	SMB file sharing occasionally fails with BUNDLE: 0300E200, 0300Y200 depends on the designated content of user name in SMB address (address for transmission to shared folder). Implemented retry procedure assigning a domain name when authentication fails. * Basically, designate a user name with domain name if the account designated as SMB address is a domain user. E.g. In case of [domain: domain.example.com] and [User name: username]: Please designate with either format: User name: domain/username User name: username@domain.example.com

No.	Item	Detail
14	Image Send	Fixed a problem where the PC Scan might fail to run even after network connectivity was restored if a jam occurred during the PC scan while the network was disconnected.
15	Image Send	Fixed a problem where a setting [Also Register for Frequent Use] in [Fax Address Control] > [Add Group] to ON, and then switching between Basic Information tab and the Address tab could cause the setting to revert to OFF.
16	Image Send	Fixed a problem where deleting an address or group address registered for fax would not change the program to one without a registered address, but instead could cause the program to be deleted or the address to become blank.
17	Image Send	Fixed a problem where the MFP might fail to output received data after restarting if the main power was turned off and on while forwarding data.
18	Image Send	Fixed a problem where the [Print all received data. Cancel OK] dialog might appear even when no print job data exists, if both [Inbound Routing] and [Hold Setting for Received Data Print] are enabled.
19	Image Send	Fixed a problem where repeatedly adding and deleting addresses in [Fax Address Control] > [Edit Address] might prevent new destinations from being added.
20	Image Send	<p>A communication error may occur if a received fax is forwarded to multiple email addresses in an SMTP server environment that prohibits continuous sending. Therefore, a forwarding interval setting for fax forwarding has been added to the Fax Software Switch.</p> <p>SIM66-01(Fax Software Switch) SW46 Data1/Data2 12 00: 0 seconds (Default) 01: 2 seconds 10: 5 seconds 11: 10 seconds</p>
21	Image Send	<p>(0300E200, 0300Y200 only.)</p> <p>Fixed a problem where only the first address was printed in the transaction report even when fax forwarding was performed to multiple destinations.</p>
22	Image Send	Fixed an issue where the address list would not be displayed on the main unit's Address Book screen if there were 122 or 123 destinations registered in the Address Book for fax.
23	Network	Fixed a problem where detailed information in [Status] > [Network Status] was not displayed when Wireless (Infrastructure Mode) was set.

Technical Report

ROM UPGRADE..... (5)

SMB file sharing may fail after upgrading the firmware as described in this report.
Please refer to end of this report and take appropriate action in case of such failure.

Caution for firmware upgrade

• If upgrading from the version 0203E200_25031900 or earlier you won't be able to restore original version.

1. Model Name:

BP-C131WD, BP-C131PW

2. Description:

Upgrade of MCU-MAIN, PCU and LANGUAGE-ROM

From June 2025 production.						
Model	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	LANGUAGE
BP-C131WD	C00	0300E200 25052200	0300E200	0100E20a	0200E200	0111E200
BP-C131PW	C00	0300Y200 25052200	0300Y200	0100Y20a	0200E200	0111E200
Notification	- Last 8-digit of BUNDLE version is displayed when updating the firmware in the field. Factory default is fixed to 00000000.					
Item of change	- See page 2.					

ROM Version History Table of BP-C131WD

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(4)	B03	0203E200_25031900	0203E200	0100E20a	0100E20f	Apr.2025	CCE-3277
(3)	B02	0202E200_25030300	0202E200			Mar.2025	CCE-3265
(2)	B01	0201E200_25020600	0201E200			Feb.2025	CCE-3249
(1)	B00	0200E200_25012700	0200E200			Feb.2025	CCE-3239

ROM Version History Table of BP-C131PW

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(4)	B01	0201Y200_25031900	0201Y200	0100Y20a	0100E20f	Apr.2025	CCE-3277
(1)	B00	0200Y200_25012700	0200Y200			Feb.2025	CCE-3239

Item of change

No.	Item	Detail
1	Specification	(For Europe/UK only) Changed firmware to comply with Radio Equipment Directive (RED) in Europe.
2	Specification	<p>Changed TLS/Kerberos cipher suites. In addition, a feature to enable/disable legacy cipher suites is implemented to Advanced Settings. Go to [System Settings] > [System Control] > [Advanced Settings] ID: 00048 TLS/Kerberos Cipher Suites</p> <ul style="list-style-type: none"> - Enable Legacy Cipher Suites for TLS - Enable Legacy Cipher Suites for Kerberos <p>Enable (default) Disable</p> <p>*Refer to the separate sheet for details of cipher suites allowed. *Default is [Disable] for Europe/UK only. The default is [Enable] if this firmware is installed to the devices already operating.</p>
3	Specification	<p>The [Cancel] and [OK] keys for confirmation of remote firmware update [Perform Firmware Update?] is changed as below:</p> <ul style="list-style-type: none"> - In case the time for update in auto mode comes [Later] [Update Now] - In case of tapping on the notification message in auto mode/admin mode, or pressing [i] key on machine information [Close] [Update Now]
4	Specification	(Only for Europe, UK and Australia) Display of check box for Terms and Conditions/confirmation of agreement after changing System Settings > System Control > Firmware Update Settings from [Disable] to [Automatic Mode] or [Admin Mode]
5	Specification	Original detection icon is displayed on initial screen for Copy.
6	Specification	MFP recovers from energy save mode by touching touch panel if Fast Wake Up is set in Energy Save Setting.
7	Specification	Implemented Card Shot available in Copy feature to Scan feature.
8	Specification	Implemented a feature which searches a setting to device web page.
9	Specification	Implemented support for PSA (Print Support Application).
10	Specification	Supported direct print of Encrypt PDF
11	Specification	<p>Addition of the feature to delete all address books in accordance with the instruction of Synappx Manage for the following reason: Before distributing the address book from Synappx Manage, all address books need to be deleted, however, there was no feature of all deletion. * Only the communication via the expansion FSS is supported.</p>
12	Specification	<p>Added followings for target of remote maintenance in Synappx Manage:</p> <ul style="list-style-type: none"> - Job log - MFP log (SIM 00-11) - SIM 55-3 (Soft SW)
13	Specification	<p>The following counters listed in the main body of E-RIC have been added to MIB:</p> <ul style="list-style-type: none"> - Inserted Toner Number (Bk/C/M/Y) - Toner NN End (Bk/C/M/Y) - Toner End (Bk/C/M/Y)

No.	Item	Detail
14	Specification	<p>Changed notification from MIB while Sim26-38 (Set Continue/Stop of Print When Maintenance Life Is Reached) is set to 1 (Print Stop) as follows:</p> <p>Before: Near end: None / End: Maintenance code DD2</p> <p>After: Near end: Maintenance code DD1 / End: Maintenance code DD2</p>
15	Specification	<p>Changed operation for USB direct print so that print setting screen appears after selecting file.</p> <p>*You can change [2-Sided Print], [Paper Select], [Print B/W] and [Sort/Group] in USB direct print screen.</p>
16	Specification	<p>Changed operation for Print-Hold so that print setting screen appears after selecting file.</p> <p>*You can change [Print B/W], [Delete after Printing] and [Change No. of Copies] on print setting screen for Print-Hold.</p>
17	Specification	<ul style="list-style-type: none"> - Following items are removed from service web page (service_login.html): <ul style="list-style-type: none"> User Control 2 Job Log Save/ Delete Syslog Test Playback - Following item is removed from FSS web page (fss.html): <ul style="list-style-type: none"> User Control
18	Specification	<p>A feature which verifies signature on OSA application is implemented to:</p> <p>[System Settings] > [Sharp OSA Settings] > [Condition Settings]</p> <ul style="list-style-type: none"> - Embedded OSA Application Signature Verification <ul style="list-style-type: none"> Install when Verification is Success Check when Verification Failed Not Verify (Default)
19	Specification	<p>Followings are added to [System Settings] > [Network Settings] > [Service Settings] > [SMB] > [SMB Settings (server)]</p> <ul style="list-style-type: none"> -Encrypted Communications Setting <ul style="list-style-type: none"> Encrypt Follow Encryption Comm. Method -Authentication Method <ul style="list-style-type: none"> NTLMv2 NTLMv1/LM
20	Specification	<p>Followings are added to [System Settings] > [Network Settings] > [Service Settings] > [SMB] > [SMB Settings (Client)]</p> <ul style="list-style-type: none"> -Encrypted Communications Setting <ul style="list-style-type: none"> Encrypt Follow Encryption Comm. Method -Authentication Method <ul style="list-style-type: none"> Kerberos NTLMv2 NTLMv1 LM

No.	Item	Detail
21	Specification	<p>[System Settings] > [Network Settings] > [Service Settings] > [SNMP] > [SNMP v3 Settings] is changed to followings:</p> <p>-Authentication Key:</p> <p>MD5 SHA-1 SHA-224 SHA-256 (New default) SHA-384 SHA-512</p> <p>-Privacy Key:</p> <p>DES AES AES-192C AES-256C (New default) AES-192 AES-256</p>
22	Main unit control	Fixed a failure to switch to Energy Save Mode after job while Tray 1 is empty.
23	Main unit control	Fixed U2-40 (U2-40 eMMC system storage data area error) which may occur after execution of "initialize Private Data/ Data in Machine".
24	Main unit control	Fixed false detection on operation panel. Touching of improper position is detected when multiple points are touched.
25	Main unit control	<p>Fixed a paper jam which occurred with the following steps:</p> <ol style="list-style-type: none"> 1. Cancel copy or print job while printing. 2. Press Power key and press [Power Off] key right away. 3. The MFP is turned off before outputting the paper being printed, causing paper jam.
26	Main unit control	Fixed a bug which a job without optimum paper is not deleted automatically while [System Settings] > [Security Settings] > [Condition Settings] > [Automatic Deletion of Suspended Print Jobs] is enabled.
27	Main unit control	Fixed a bug which [Automatic Deletion of Suspended Print Jobs] is not initialized after execution of [Initialize Private Data/ Data in Machine]
28	Main unit control	Fixed a download error which occurred while downloading firmware for remote firmware update under the environment where user authentication is not required during proxy connection.
29	Main unit control	Changed the area which responds to touch aimed to improve operability of Home key.
30	Main unit control	Fixed the MFP freeze which may occur when the timing to recover from Energy Save mode by pressing power key and executing print job occurred at the same time.
31	Main unit control	Fixed a bug which may not authenticate user by card unless touching on login screen again after recovery from Energy Save mode. This symptom may occur when recovery from Energy Save mode and touching by card are processed simultaneously.
32	Main unit control	Changed time-out value to repress L8-20 (Power Controller Communication Error).

No.	Item	Detail
33	Main unit control	Eliminated checking of DM (drum motor) from SIM6-1 (Checking load on paper transport system (clutch/solenoid) and operation of its control circuit) because following defects may occur after execution: - Inside of MFP is contaminated with toner. - L4-80 (Color DV rotation detection trouble) occurs while performing monochrome printing after checking the operation with the combination of DM and DVS (Developing solenoid). - MFP is turned off after checking the operation with the combination of DM and MM (Transport drive motor).
34	Main unit control	Changed paper transport control aimed to repress image failure (registration shift) which may appear on first sheet after opening/closing paper tray.
35	Main unit control	Changed judgement control on troubles relating to toner replenishment, as listed below: F2-64 (Toner supply trouble K) F2-65 (Toner supply trouble C) F2-66 (Toner supply trouble M) F2-67 (Toner supply trouble Y)
36	Printer	Fixed a failure to switch to Energy Save mode which may occur if a job is canceled at the time of paper jam while printing 2-sided.
37	Printer	Fixed a bug which the paper type/size is changed to the setting unset during the job. It occurred while performing a print job with 2-sided/ 1 sheet of original/ multiple copies/ Group settings.
38	Printer	Fixed blur image which may appear while printing ruled line on Excel file.
39	Copy	Fixed a bug which MFP may freeze displaying "Please wait.". It occurred after STOP JAM which occurred while copying from SPF.
40	Copy	Fixed STOP JAM which may occur while restarting scan after SPF jam.
41	Image Send	Fixed a bug which the Reset key doesn't function after tapping [OK] key on the message which indicates detection of Bypass tray in Scan mode.
42	Image Send	(BP-C131PW only) Fixed a failure to create PDF file properly during first scan after booting up or recovery from energy save mode, which occurred on rare occasion.
43	Image Send	Fixed a failure to switch screen (without any response) by pressing any key on operation panel if switching to energy save mode and time-out clear occurred simultaneously on Fax mode screen.
44	Network	Fixed a failure to communicate via wireless LAN if MFP is set to use authentication in WPA/WPA2/WPA3 Enterprise mode.
45	Network	Fixed a failure to connect wireless LAN which may occur when auto reboot is executed after running 20 days in a row.

Allowed Cipher Suites

	Enable (default)	Disable
Enable Legacy Cipher Suites for TLS	- TLS 1.2 (Encrypted communication) TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256 TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 TLS_RSA_WITH_AES_128_CBC_SHA TLS_RSA_WITH_AES_256_CBC_SHA TLS_RSA_WITH_AES_128_CBC_SHA256 TLS_RSA_WITH_AES_256_CBC_SHA256 TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA256 TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384 TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256 TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384	- TLS 1.2 (Encrypted communication) TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256 TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384
	- TLS 1.3 (Encrypted communication) TLS_AES_128_GCM_SHA256 TLS_AES_256_GCM_SHA384 TLS_CHACHA20_POLY1305_SHA256	- TLS 1.3 (Encrypted communication) TLS_AES_128_GCM_SHA256 TLS_AES_256_GCM_SHA384
	- TLS 1.2 (OSA browser) TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256 TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 TLS_RSA_WITH_AES_128_GCM_SHA256 TLS_RSA_WITH_AES_256_GCM_SHA384 TLS_ECDHE_ECDSA_WITH_CHACHA20_POLY1305_SHA256 TLS_ECDHE_RSA_WITH_CHACHA20_POLY1305_SHA256 TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA TLS_RSA_WITH_3DES_EDE_CBC_SHA TLS_RSA_WITH_AES_128_CBC_SHA TLS_RSA_WITH_AES_256_CBC_SHA	- TLS 1.2 (OSA browser) TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256 TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 TLS_RSA_WITH_AES_128_GCM_SHA256 TLS_RSA_WITH_AES_256_GCM_SHA384
	- TLS 1.3 (OSA browser) TLS_AES_128_GCM_SHA256 TLS_AES_256_GCM_SHA384 TLS_CHACHA20_POLY1305_SHA256	- TLS 1.3 (OSA browser) TLS_AES_128_GCM_SHA256 TLS_AES_256_GCM_SHA384 TLS_CHACHA20_POLY1305_SHA256
Enable Legacy Cipher Suites for Kerberos	- Kerberos ETYPE-AES256-CTS-HMAC-SHA1-96 ETYPE-AES128-CTS-HMAC-SHA1-96 ETYPE-DES3-CBC-SHA1 ETYPE-DES3-CBC-MD5 ETYPE-RC4-HMAC-MD5	- Kerberos ETYPE-AES256-CTS-HMAC-SHA1-96 ETYPE-AES128-CTS-HMAC-SHA1-96

How to solve the failure to execute SMB file sharing under domain environment

SMB file sharing may fail affected by the change described in #20 depends on the designated content of user name in SMB address (address for transmission to shared folder). Please see below and take appropriate action in such case:

[Occurrence Condition]

The account designated for SMB address is a domain user.

[Countermeasure]

Change user name of the account (designated for SMB address) to include domain name.

E.g. In case of [domain: domain.example.com] and [User name: username]:

[Information currently registered]

User name: username

[Information registered after change (either one of below)]

User name: domain/username

User name: username@domain.example.com

You don't have to register again if the user name has been registered with above format.

Technical Report

ROM UPGRADE..... (4)

1. Model Name: BP-C131WD, BP-C131PW

2. Description: Upgrade of MCU-MAIN-ROM

From April 2025 production.					
Model	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU
BP-C131WD	B03	0203E200_ 25031900	0203E200	0100E20a	0100E20f
BP-C131PW	B01	0201Y200_ 25031900	0201Y200	0100E20a	0100E20f
Notification	- Last 8-digit of BUNDLE version is displayed when updating the firmware in the field. Factory default is fixed to 00000000.				
Item of change	- See page 2.				

ROM Version History Table of BP-C131WD

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(3)	B02	0202E200_ 25030300	0202E200	0100E20a	0100E20f	Mar.2025	CCE-3265
(2)	B01	0201E200_ 25020600	0201E200			Feb.2025	CCE-3249
(1)	B00	0200E200_ 25012700	0200E200			Feb.2025	CCE-3239

ROM Version History Table of BP-C131PW

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(1)	B00	0200Y200_ 25012700	0200Y200	0100Y20a	0100E20f	Feb.2025	CCE-3239

Item of change

No.	Item	Detail
1	Main unit control	(BP-C131WD only.) A message "The fax line is not connected properly. Connect to Telephone line jack (LINE) on back of device." appears on rare occasions even though line cable is properly connected. The value of Fax Soft SW41-3 (Telephone line misconnection detection settings) is changed to [0: Do not detect] as a preventive measure.
2	Main unit control	(BP-C131WD only.) Modification of occasional F6-04 error (Fax modem operation trouble) which occurs while recovering from power save mode.
3	Main unit control	Modification of improper data transmission to FSS server as described below: <ul style="list-style-type: none"> - User started using the device without reboot after initial connection to FSS - The device was never rebooted until full-fledged connection to FSS. - When device was rebooted for full-fledged connection, information on detection of new toner cartridge was falsely sent to FSS as replacement of toner.
4	Main unit control	(BP-C131WD only.) Modification of inappropriate fax behavior Press Start after selecting multiple destinations (two or more) from Fax Sending History. Sometime the device freezes and reboots after two minutes.

Technical Report

ROM UPGRADE..... (3)

1. Model Name:

BP-C131WD

2. Description:

Upgrade of MCU-MAIN-ROM

From March 2025 production.					
Model	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU
BP-C131WD	B02	0202E200_25030300	0202E200	0100E20a	0100E20f
Notification	- Last 8-digit of BUNDLE version is displayed when updating the firmware in the field. Factory default is fixed to 00000000.				
Item of change	(BP-C131WD only.) Correction of the trouble that FAX Send may not work correctly in some rare cases. *This issue occurs at rare times when all of the following conditions overlap. 1) Sleep Mode Power Level is set to "Fast Wake Up". 2) Cancellation is performed at the timing of the job that Copy job or Scan Send job and the shading correction are performed at the same time. 3) The next shading correction is performed after one hour passes since the first shading correction but if FAX Send job with multiple pages is performed at this timing.				

ROM Version History Table of BP-C131WD

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(2)	B01	0201E200_25020600	0201E200	0100E20a	0100E20f	Feb.2025	CCE-3249
(1)	B00	0200E200_25012700	0200E200			Feb.2025	CCE-3239

ROM Version History Table of BP-C131PW

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(1)	B00	0200Y200_25012700	0200Y200	0100Y20a	0100E20f	Feb.2025	CCE-3239

Technical Report

ROM UPGRADE..... (2)

1. Model Name:

BP-C131WD

2. Description:

Upgrade of MCU-MAIN-ROM

From mid-February 2025 production.					
Model	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU
BP-C131WD	B01	0201E200_25020600	0201E200	0100E20a	0100E20f
Notification	- Last 8-digit of BUNDLE version is displayed when updating the firmware in the field. Factory default is fixed to 00000000.				
Item of change	(BP-C131WD only.) Correction of the trouble that the Fax data may not be printed even though it is received. Related T/R No. CCE-3248				

ROM Version History Table of BP-C131WD

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(1)	B00	0200E200_25012700	0200E200	0100E20a	0100E20f	Feb.2024	CCE-3239

ROM Version History Table of BP-C131PW

No.	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU	Action	T/R No.
(1)	B00	0200Y200_25012700	0200Y200	0100Y20a	0100E20f	Feb.2024	CCE-3239

Technical Report

ROM UPGRADE..... (1)

1. Model Name: BP-C131WD, BP-C131PW

2. Description: Upgrade of MCU-MAIN-ROM

From February 2025 production.					
Model	ROM Control No.	BUNDLE	MCU-MAIN	MCU-BOOT	PCU
BP-C131WD	B00	0200E200 25012700	0200E200	0100E20a	0100E20f
BP-C131PW	B00	0200Y200 25012700	0200Y200	0100Y20a	0100E20f
Notification	- Last 8-digit of BUNDLE version is displayed when updating the firmware in the field. Factory default is fixed to 00000000.				
Item of change	- See page 2.				

Item of change

No.	Item	Detail
1	Main unit control	Support for AirPrint (Print/ Scan/ Fax).
2	Main unit control	Support for Thai wireless certificate (NBTC: National Broadcasting and Telecommunications Commission).
3	Main unit control	After the SPF black streak detection message is displayed, if the machine enters the Energy Save mode while the message is being displayed, job settings that are scheduled to be executed will be cleared. As the countermeasure, the modification has been made so that the machine does not enter Energy Save mode when the message is displayed.
4	Main unit control	Correction of the trouble that [The USB Memory is connected.] dialogue may not be displayed depending on the timing of the recovery from Energy Save mode and detection of USB insertion.
5	Main unit control	Correction of the following trouble: After inserting the USB Memory and pressing [Scan to USB Memory] on the machine information screen, then returning to Home screen, the machine may freeze.
6	Main unit control	Correction of the trouble that PLACED DAY in SIM22-6 (List print) may be displayed as 0000/00/00 *If the trouble already occurred, the date when the simulation is executed will be set after the firmware update."

No.	Item	Detail
7	Main unit control	Correction of the trouble that the soft keyboard for password entry is not displayed when the bypass tray is detected in the initial wizard screen.
8	Main unit control	Correction of the following trouble: If moving from the initial wizard screen to the simulation, and pressing [TEST] button, the initial wizard screen is displayed instead of Change test mode of the simulation, and it is not possible to conduct the test of copy.
9	Main unit control	Correction of the following trouble: MFP may reboot repeatedly if USB DEVICE in SIM26-50(Set Functions) is set to "1" (Enable) and PC enters the Sleep mode in the state that PC with Intel Processor of 11th or later generation is connected to the MFP with the USB device (or PC which is in the Sleep mode is connected to the MFP with USB).
10	Copy	Correction of the following trouble: SPF jam occurs when scanning even pages, and if the job is canceled, the machine may freeze with the next duplex copy job.
11	Copy	Correction of the trouble that printing may not resume even after replenishing paper if paper becomes empty during copying.
12	Image Send	Correction of the trouble that the addresses in Group are not displayed individually when setting the addresses for Fax.
13	Image Send	Correction of the following trouble: When Dial in function is enabled, if the external telephone on the own machine is off-hook at the timing when the extension number is notified from PBX, the line may remain connected without being disconnected even when the external telephone is on-hooked.
14	Image Send	Correction of the following trouble: When the authentication is disabled, if returning by the [Home] button after logging in as an admin in System Settings, nothing is displayed even though the scan send history is attempted to be displayed.
15	Image Send	Correction of the following trouble: When detecting the bypass tray during Remote PC Scan or pressing [Print from USB Memory] after inserting USB memory, Remote PC Scan may be cancelled.
16	Image Send	Correction of the trouble that the operation becomes unavailable under the following conditions: * Pressing [Home] button at the same time of Auto Clear or Auto Logout in Fax mode. * Auto clear occurs when the print cancel confirmation screen of the printer job is displayed in Fax mode.
17	Image Send	Correction of the trouble that it may take time when opening the Address Book from the Web page.
18	Image Send	Correction of the trouble that Scan Send/ Fax Send may not be completed when changing the value of [LEAD_EDGE(OC)] or [LEAD_EDGE(SPF)] in SIM50-27 (Adjust Image Loss of Scanned Images in FAX and Image Send Mode).
19	Printer	Correction of the following trouble: When printing B/W in the color toner end state, [OK] key is not displayed in the message of toner cartridge replacement, the cancellation of the job or other operation may not be performed.
20	Printer	Correction of the trouble that the print job that the paper tray is automatically specified may stop due to an error. * When the error occurs, the information LED is flashing in red but the error message is not displayed.
21	Printer	Correction of the trouble that the screen does not change to the authentication screen if the auto logout occurs while the print cancel confirmation message of the printer job is displayed.
22	Printer	Correction of the trouble that the job cannot be cancelled and then the attempt of printing may be repeated when opening the door immediately after the halftone process control starts.
23	Printer	Correction of the following trouble: When cancelling the job at the top after sending 2 or more print jobs in a row via USB cable, the print of the next job will not start and the information LED may stay ON.