KONICA MINOLTA

bizhub C3100P

User's Guide: Description of Utility Keys

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1 Configuring Settings of This Machine

1   Configuring Settings of This Machine

1.1   Displaying [UTILITY]

On the **Control Panel**, press the **Menu/Select** key to display [UTILITY].

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Menu
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In [UTILITY], you can print out files in the HDD or USB memory and configure settings of this machine.

Settings	Description
[ID PRINT]	Print out data that is sent from the printer driver with [ID&Print] configured. For details, refer to [User's Guide: Print Functions]. 📄 **Note** This function is available when an optional **Hard Disk** is installed.
[PROOF PRINT]	Print data that is set by selecting [Store Job], [Print and Hold], [Secured Job], or [Proof then Print] and sent from the printer driver. For details, refer to [User's Guide: Print Functions]. 📄 **Note** This function is available when an optional **Hard Disk** is installed.
[MEMORY DIRECT]	Specify files saved in USB memory to print out them. For details, refer to [User's Guide: Print Functions]. 📄 **Note** This function is available when an optional **Hard Disk** is installed.
[PAPER MENU]	Configure the paper and paper tray settings used for printing, and the setting on printing condition if no setting is specified by the printer driver. For details, refer to page 2-2.
[PRINT REPORTS]	Print the printing-related lists such as the configuration list or counter list. For details, refer to page 3-2.
[COUNTER]	Check the total number of pages printed on this machine. For details, refer to [User's Guide: Maintenance/Troubleshooting].
[SYSTEM SETTINGS]	Configure the operating environment of this machine. For details, refer to page 4-2.
[ADMIN SETTINGS]	This button displays items that can only be changed by the administrator. To configure settings, you need to enter the administrator password for this machine. For details, refer to page 5-2.

1.2   Displaying [ADMIN SETTINGS]

To display administrator settings, you need to enter the administrator password for this machine.

1   Press the **Menu/Select** key.

2   Select [ADMIN SETTINGS].

3   Enter the administrator password for this machine.

➜   "12345678" is specified by default.

The [ADMIN SETTINGS] screen appears. The available setting items are as follows.

Settings	Description
[SYSTEM SETTINGS]	Configure the operating environment of this machine such as the date and time of this machine, power saving function, and security. For details, refer to page 5-2.
[QUALITY MENU]	Adjust the image quality of the printed image. For details, refer to page 5-10.
[EXPERT ADJUST-MENT]	Adjust the network setting of this machine or image failures. For details, refer to page 5-13.
[BILLING SETTING]	Issue a request code required to use an advanced function, or enable an advanced function. For details, refer to page 5-17.
[LIFE]	Configure a setting to replace consumables. For details, refer to page 5-18

2 [PAPER MENU]

2   [PAPER MENU]

[PAPER SOURCE]

To display: [PAPER MENU] - [PAPER SOURCE]

Configure the settings on the paper tray.

Settings	Description
[DEFAULT TRAY]	Select a paper tray you want to use preferentially. [TRAY 1] is specified by default. 📄 **Note** [TRAY 2] is displayed when the optional **Lower Feeder Unit** is installed.
[MANUAL]	Specify the size and type of the paper loaded in **Manual Feed Tray**. • [PAPER SIZE]: When loading a standard size paper, select the paper size. • [CUSTOM SIZE]: Enter the width and length of paper when using custom-size paper. • [PAPER TYPE]: Select the type of the paper loaded in the tray.
[TRAY 1]	Specify the size and type of the paper loaded in **Tray 1**. • [PAPER SIZE]: When loading a standard size paper, select the paper size. • [CUSTOM SIZE]: Enter the width and length of paper when using custom-size paper. • [PAPER TYPE]: Select the type of the paper loaded in the tray.
[TRAY 2]	Specify the size and type of the paper loaded in **Tray 2**. • [PAPER SIZE]: Displays the size of the loaded paper. • [PAPER TYPE]: Select the type of the paper loaded in the tray. 📄 **Note** • [TRAY 2] is displayed when the optional **Lower Feeder Unit** is installed. • Custom sized paper cannot be loaded into **Tray 2**.

[TRAY MAPPING]

To display: [PAPER MENU] - [TRAY MAPPING]

Specify the paper tray to be used for printing when a print job is received by a printer driver manufactured by another company.

Settings	Description
[TRAY MAPPING MD.]	Select whether or not to enable the tray mapping. [OFF] is specified by default.
[LOGICAL TRAY0] to [LOGICAL TRAY9]	Assigns logical trays 0 to 9 to physical trays.

[DUPLEX]

To display: [PAPER MENU] - [DUPLEX]

Select whether or not to enable 2-sided printing.

The setting on the printer driver has priority over the setting of this menu.

[OFF] is specified by default.

[COPIES]

To display: [PAPER MENU] - [COPIES]

Enter the number of copies to be printed.

The setting on the printer driver has priority over the setting of this menu.

[1] is specified by default.

[COLLATE]

To display: [PAPER MENU] - [COLLATE]

When multiple sets of copies are printed, select whether the paper output position of each set is staggered to help you locate the first page of each set.

The setting on the printer driver has priority over the setting of this menu.

[OFF] is specified by default.

Tips

This function is available when an optional **Hard Disk** is installed.

[BINDING POSITION]

To display: [PAPER MENU] - [BINDING POSITION]

Select the binding position for 2-sided printing.

The setting on the printer driver has priority over the setting of this menu.

[LEFT BIND] is selected by default.

[ORIENTATION]

To display: [PAPER MENU] - [ORIENTATION]

Select the orientation of the image to be printed.

The setting on the printer driver has priority over the setting of this menu.

[PORTRAIT] is specified by default.

[MINIMAL PRINT]

To display: [PAPER MENU] - [MINIMAL PRINT]

Select whether or not to slightly reduce the full page size when directly printing a PDF, PPML, or OOXML (docx, xlsx, or pptx) file.

This function is available when printing the entire original image, including its edges.

[OFF] is specified by default.

[TIFF IMAGE PAPER]

To display: [PAPER MENU] - [TIFF IMAGE PAPER]

Specify the method for determining the paper to be used when a TIFF, JPEG, or PDF file is directly printed.

- [AUTO]: Prints on paper that matches the image size.
- [PRIORITY]: Prints on the primary paper size.

[PRIORITY] is specified by default.

Tips

This function is available when an optional **Hard Disk** is installed.

3 [PRINT REPORTS]

3 [PRINT REPORTS]

[CONFIGURATION PG]

To display: [PRINT REPORTS] - [CONFIGURATION PG]

A list that contains information and settings of this machine is printed.

To make prints, select [Print], then press the **Menu/Select** key.

[STATISTICS PAGE]

To display: [PRINT REPORTS] - [STATISTICS PAGE]

A list that contains statistics information, such as the number of pages printed, is printed.

To make prints, select [Print], then press the **Menu/Select** key.

[FONT LIST]

To display: [PRINT REPORTS] - [FONT LIST]

Settings	Description
[PS FONT LIST]	The PostScript font list is printed. To make prints, select [Print], then press the **Menu/Select** key.
[PCL FONT LIST]	The PCL font list is printed. To make prints, select [Print], then press the **Menu/Select** key.

[HDD DIRECTORY]

To display: [PRINT REPORTS] - [HDD DIRECTORY]

A list of HDD directories is printed.

To make prints, select [Print], then press the **Menu/Select** key.

Tips

This function is available when an optional **Hard Disk** is installed.

[COUNTER LIST]

To display: [PRINT REPORTS] - [COUNTER LIST]

Prints a list that contains counter information.

To make prints, select [Print], then press the **Menu/Select** key.

4 [SYSTEM SETTINGS]

4 [SYSTEM SETTINGS]

[LANGUAGE]

To display: [SYSTEM SETTINGS] - [LANGUAGE]

Select the language to display a message in the message window.

The default value depends on the region the machine is used in.

[MEASUREMENT UNIT]

To display: [SYSTEM SETTINGS] - [MEASUREMENT UNIT]

Select a measurement unit for numeric values displayed in the message window from [MILLIMETERS] and [INCHES].

The default value depends on the region the machine is used in.

[PAPER SOURCE]

To display: [SYSTEM SETTINGS] - [PAPER SOURCE]

Specify the settings related to selection and switching of paper trays.

Settings	Description
[AUTO TRAY SELECT]	Select the paper tray to be selected automatically. The machine selects the tray loaded with optimal paper among the trays set to [ON]. [ON] is specified by default in every case.
[TRAY CHAINING]	When the paper tray has become empty during printing, select whether or not to enable automatic switching to a paper tray that contains paper of the same size, same orientation, and same type (ATS: Auto Tray Switch). However, ATS is available for the paper tray that is selected in [AUTO TRAY SELECT]. [ON] is specified by default.

[OOXML PRINT]

To display: [SYSTEM SETTINGS] - [OOXML PRINT]

Configure the default print settings when directly printing of OOXML (docx, xlsx, pptx) files is carried out.

Settings	Description
[OOXML PRINT MODE]	Select whether to give priority to either the image quality or speed when directly printing of an OOXML (docx, xlsx, or pptx) file is carried out. [SPEED MODE] is specified by default.
[PRINT SHEET/BOOK]	Select whether to print the currently selected sheet or the entire book when handling an Excel file. The [CURRENT SHEET] is specified by default.
[PAPER]	Select a paper size to print an OOXML (docx, xlsx, or pptx) file. The default value depends on the region the machine is used in.
[PAPER TYPE]	Select a paper type to print an OOXML (docx, xlsx, or pptx) file. [PLAIN PAPER] is specified by default.

Tips

This function is available when an optional **Hard Disk** is installed.

5 [ADMIN SETTINGS]

5   [ADMIN SETTINGS]

5.1   [SYSTEM SETTINGS]

5.1.1   [EMULATION]

[DEF. EMULATION]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [EMULATION] - [DEF. EMULATION]

Select the Page Description Language. When you select [AUTO], this machine automatically switches between PCL and PS.

[AUTO] is specified by default.

[POSTSCRIPT]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [EMULATION] - [POSTSCRIPT]

Configure the PS print settings.

Settings	Description
[WAIT TIMEOUT]	Specify the time-out period after it is judged as a PS error. If you select [0], time-out will not work. [0] is specified by default.
[PS ERROR PAGE]	Select whether or not to print error information when an error occurs during PS rasterization. [OFF] is specified by default.
[PS PROTOCOL]	Select the protocol that is used for PS data communication. If you select [AUTO], an appropriate protocol is automatically determined from the PS print jobs. [AUTO] is specified by default.
[AUTO TRAPPING]	Select whether or not to enable the auto trapping. If you enable the auto trapping, printing is carried out by superimposing neighboring colors so as to prevent white space being generated around a picture. [OFF] is specified by default.
[BLACK OVERPRINT]	Select whether or not to enable the black overprint. Enable the black overprint to superimpose black color on a neighboring color to print so as to prevent white space being generated around black characters or figures. • [TEXT/GRAPHIC]: Printing is carried out by superimposing black color on neighboring colors in both of the text portion and figure portion. • [TEXT]: Printing is carried out by superimposing black color on neighboring colors only in the text portion. [OFF] is specified by default.

[PCL]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [EMULATION] - [PCL]

Configure the PCL settings.

Settings	Description
[CR/LF MAPPING]	Select whether or not to replace the line feed codes when printing text data. When you want to replace the line feed codes, select the replacement method. [CR=CR LF=LF] is selected by default.
[LINES PER PAGE]	Enter the number of lines of text data to be printed on one page. The default value depends on the region the machine is used in.
[FONT SOURCE]	Configure font settings for PCL. • [FONT NUMBER]: Specify the default font. The displayed font number corresponds to the PCL font list. [0] is specified by default. • [PITCH SIZE]: Specify the font pitch size. [10.00] is specified by default. • [POINT SIZE]: Specify the font point size. [12.00] is specified by default. • [SYMBOL SET]: Select the font symbol set to be used. [PC8] is specified by default.

[XPS]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [EMULATION] - [XPS]

Specify whether or not to perform the verification of a digital signature or printing of error information when directly printing an XPS file.

Settings	Description
[DIGITAL SGN.]	Select whether or not to verify a digital signature when an XPS file with a digital signature is printed. When [ON] is selected, the data is not printed if the signature is invalid. [OFF] is specified by default.
[XPS ERROR PAGE]	Select whether or not to print error information when an error occurs when an XPS file is being printed. [PRINT] is specified by default.

Tips

This function is available when an optional **Hard Disk** is installed.

[N-UP LAYOUT]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [EMULATION] - [N-UP LAYOUT]

Configure the default combination settings for direct printing.

Settings	Description
[COMBINE]	Select whether or not to reduce and print multiple pages on the same side of a single sheet of paper. [OFF] is specified by default.
[LINE]	Enter a number of pages to be placed in a horizontal orientation. [1] is specified by default.
[COLUMN]	Enter a number of pages to be placed in a vertical orientation. [1] is specified by default.
[AGGREGATE ORDER]	Select a method to arrange pages. [HORIZONTAL] is specified by default.
[DIRECTION]	Select a direction of page layout. [TOP L TO BOTTOM R] is specified by default.
[LAYOUT SETTINGS]	Set the layout in details. • [ROW SPACING]: Set a page space in the row direction. [0] is specified by default. • [COLUMN SPACING]: Set a page space in the column direction. [0] is specified by default. • [TOP MARGIN]: Set a margin at the top of a page. [0] is specified by default. • [BOTTOM MARGIN]: Set a margin at the bottom of a page. [0] is specified by default. • [LEFT MARGIN]: Set a margin at the left of a page. [0] is specified by default. • [RIGHT MARGIN]: Set a margin at the right of a page. [0] is specified by default. • [MAGNIFICATION]: Select whether to set the zoom ratio automatically or arbitrarily. [AUTO] is specified by default. • [MANUAL ZOOM]: Set any zoom ratio to enlarge or reduce the page size. [100] is specified by default. • [PAGE FRAME]: Select to print a border line between pages. [OFF] is specified by default.

[BARCODE FONT]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [EMULATION] - [BARCODE FONT]

Configure the bar code font settings.

Settings	Description
[LINE WIDTH]	Specify the line width for bar code font. [0] is specified by default.
[SPACE WIDTH]	Specify the space width for bar code font. [0] is specified by default.

5.1.2   [PAPER]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [PAPER]

Specify the size, type, and unit of the paper to be used ordinarily.

Settings	Description
[PAPER SIZE]	Select the size of the paper to be used ordinarily. The default value depends on the region the machine is used in.
[CUSTOM SIZE]	Enter the width and length of the loaded paper when using custom-size paper. The default value depends on the region the machine is used in.
[PAPER TYPE]	Select the type of the paper to be used ordinarily. [PLAIN PAPER] is specified by default.

Settings	Description
[MEASUREMENT UNIT]	Select the measurement unit from [MILLIMETERS] and [INCHES]. The default value depends on the region the machine is used in.

5.1.3   [GRAYSCALE PAGE]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [GRAYSCALE PAGE]

Select the method to print grayscale pages in the color-specified print job.

- [AUTO]: Automatically selects the printing method based on the first page of a print job.
- [GRAYSCALE PRINT]: Prints grayscale pages in black and white.
- [COLOR PRINT]: Prints grayscale pages in color.

[AUTO] is specified by default.

5.1.4   [DO STARTUP PAGE]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [DO STARTUP PAGE]

Select whether or not to print the start page when turning this machine on.

[OFF] is specified by default.

5.1.5   [AUTO CONTINUE]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [AUTO CONTINUE]

Select whether or not to continue printing when the paper size and type of print job are different from that of the paper loaded in the paper tray.

[OFF] is specified by default.

5.1.6   [HOLD JOB TIMEOUT]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [HOLD JOB TIMEOUT]

Specify the time period during which a print job is stored on the HDD.

- Select from [1 HOUR], [4 HOURS], [1 DAY], or [1 WEEK].
- When not holding a print job, select [DISABLE].

[DISABLE] is specified by default.

Tips

This function is available when an optional **Hard Disk** is installed.

5.1.7 [POWER SUPPLY]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [POWER SUPPLY]

Specify the operation in Sleep mode.

Settings	Description
[CONSUMPTION]	Select whether or not to reduce the power consumption in Sleep mode. • [ENABLED]: Further reduces the power consumption in Sleep mode. Select [ENABLED] in normal conditions. • [DISABLED]: Select this option when a smooth network communication is not established while [ENABLED] is enabled. [ENABLED] is specified by default.
[ENERGY SAVER]	Change the time period from when an operation has been completed on the machine until when it automatically enters Sleep mode. [1] minute is specified by default.
[ENTER POWER]	When this machine receives a print job from a computer in Power Save mode, select the timing to switch to Power Save mode after the print job has completed. • [NORMAL]: Switches the machine status at the time specified in ENERGY SAVER. • [IMMEDIATELY]: Switches to Power Save mode immediately after a print job has ended. [IMMEDIATELY] is specified by default.

5.1.8 [WEEKLY TIMER]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [WEEKLY TIMER]

Select whether or not to automatically switch between power save and Normal mode using the weekly timer. To use the weekly timer, specify the schedule for switching between Power Save and Normal modes.

Settings	Description
[ENABLE SETTINGS]	Specify whether or not to use the weekly timer. [ON] is specified by default.
[TIME SETTINGS]	Specify the time for switching to the power saving mode ([OFF TIME]) and the time for returning to Normal mode ([ON TIME]) for each day of the week. • [ALL SETTING]: Collectively configure [OFF TIME] and [ON TIME] for all days of the week. After configuring [OFF TIME] and [ON TIME], select [ALL SET/CLEAR] - [SET]. • [SUNDAY] to [SATURDAY]: Configure [OFF TIME] and [ON TIME] for the selected day of the week. After configuring [OFF TIME] and [ON TIME], select [SET/CLEAR] - [SET].

5.1.9 [SECURITY SETTINGS]

[ADMIN PASSWORD]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [SECURITY SETTINGS] - [ADMIN PASSWORD]

If necessary, change the machine's administrator password. Be sure to remember the changed password so that you do not forget it.

Enter the current administrator password before setting a new administrator password.

[12345678] is specified by default.

Tips

If you enter an incorrect administrator password a configured number of times, you are prohibited from using this machine. In this case, turn this machine on and off.

[SECURITY DETAILS]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [SECURITY SETTINGS] - [SECURITY DETAILS]

Configure the detailed security settings of this machine.

Settings		Description
[JOB LOG]		Select whether or not to obtain log information for each job log type.
	[ACCOUNTING LOG]	Select whether or not to obtain an accounting log. You can obtain information relevant to paper consumption for each user or account. [ON] is specified by default.
	[COUNTING LOG]	Select whether or not to obtain a counting log. You can obtain information about paper consumption and the reduction rate of paper used for printing. [ON] is specified by default.
	[AUDIT LOG]	Select whether or not to obtain an audit log. You can obtain user operation or job history. You can track unauthorized actions or the leakage of information. [ON] is specified by default.
	[OVERWRITE]	Select whether or not to allow a log to be overwritten by a new log when the hard disk becomes full. [RESTRICT] is specified by default.
	[ERASE JOB LOG]	Erases job logs.

Tips

This function is available when an optional **Hard Disk** is installed.

[HDD SETTINGS]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [SECURITY SETTINGS] - [HDD SETTINGS]

Manage this machine's HDD.

Settings	Description
[OVERWRITE ALL]	Overwrite all data saved on all areas of the HDD when disposing this machine. To perform delete by overwriting, select [METHOD], then select [EXECUTE]. The following modes are available in [METHOD]. • [MODE 1]: Overwrite with 0x00. • [MODE 2]: Overwrite with single-byte random numbers - Overwrites with single-byte random numbers - Overwrites with 0x00. • [MODE 3]: Overwrite with 0x00 - Overwrites with 0xff - Overwrites with single-byte random numbers - Verifies. • [MODE 4]: Overwrites with single-byte random numbers - Overwrites with 0x00 - Overwrites with 0xff. • [MODE 5]: Overwrites with 0x00 - Overwrites with 0xff - Overwrites with 0x00 - Overwrites with 0xff. • [MODE 6]: Overwrites with 0x00 - Overwrites with 0xff - Overwrites with 0x00 - Overwrites with 0xff - Overwrites with 0x00 - Overwrites with 0xff - Overwrites with random numbers. • [MODE 7]: Overwrites with 0x00 - Overwrites with 0xff - Overwrites with 0x00 - Overwrites with 0xff - Overwrites with 0x00 - Overwrites with 0xff - Overwrites with 0xaa. • [MODE 8]: Overwrites with 0x00 - Overwrites with 0xff - Overwrites with 0x00 - Overwrites with 0xff - Overwrites with 0x00 - Overwrites with 0xff - Overwrites with 0xaa - Verifies. [MODE 1] is specified by default.
[HDD FORMAT]	Format the HDD. Retrieve any data needed from the hard disk beforehand.

Tips

This function is available when an optional **Hard Disk** is installed.

[HDD ENCRYPTION]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [SECURITY SETTINGS] - [HDD ENCRYPTION]

Encrypts all data saved on the HDD for protection purposes.

Selecting [ON] displays a message notifying that the HDD will be formatted. To encrypt data on the HDD, press the **Menu/Select** key, then enter the encryption word (using 20 single-byte characters with case-sensitivity).

Entering the encryption word restarts this machine to format the HDD.

[OFF] is specified by default.

🗇 **Tips**

This function is available when an optional **Hard Disk** is installed.

5.1.10 [DATE/TIME]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [DATE/TIME]

Specify the machine's current date and time and time zone.

Settings	Description
[DATE]	Enter the current date.
[TIME]	Enter the current time.
[TIME ZONE]	To automatically adjust the time of this machine using an NTP server, set the time difference between UTC and your local area in multiples of 30 minutes. [00:00] is specified by default.

5.1.11 [DAYLIGHT SAVING]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [DAYLIGHT SAVING]

When applying the daylight-saving time, specify the desired time.

Settings	Description
[DAYLIGHT SAVING]	Select whether or not to apply the daylight-saving time to this machine. [OFF] is specified by default.
[OFFSET]	When Daylight Saving Time is set to [ON], enter the period of time the clock is to be advanced by due to daylight saving time. [60] minutes is specified by default.

5.1.12 [INITIALIZE]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [INITIALIZE]

Select [RESTORE NETWORK], [RESTORE PRINTER], or [RESTORE ALL] to carry out initialization.

5.1.13 [ENABLE WARNING]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [ENABLE WARNING]

For each tray, specify whether or not to display a warning message when the tray runs out of paper.

The following shows the default settings.

- [TRAY 1] and [TRAY 2]: [ON]
- [MANUAL FEED]: [OFF]

5.1.14   [MENU TIMEOUT]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [MENU TIMEOUT]

Specify the time to return to the status screen when no operations are performed while the menu or the help screen is displayed in the message window.

[2 MINUTES] is specified by default.

5.1.15   [LIST/COUNTER]

To display: [ADMIN SETTINGS] - [SYSTEM SETTINGS] - [LIST/COUNTER]

Prints a list that contains counter information.

Settings	Description
[USER ACCOUNT]	Prints a list that contains counter information. If User Authentication or Account Track is employed, counter information is described for each user or account track.

5.2   [QUALITY MENU]

[COLOR MODE]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [COLOR MODE]

Select whether to print an image in color or gray scale.

[COLOR] is specified by default.

[BRIGHTNESS]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [BRIGHTNESS]

Adjust the brightness of the printed image.

[0] is specified by default.

[HALFTONE]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [HALFTONE]

Select the half-tone image processing method for each of [IMAGE PRINTING], [TEXT PRINTING], and [GRFX. PRINTING] categories.

- [LINE ART]: Intermediate colors are reproduced with high precision.
- [DETAIL]: Intermediate colors are reproduced in detail.
- [SMOOTH]: Intermediate colors are reproduced smoothly.

The following shows the default settings.

- [IMAGE PRINTING]: [DETAIL]
- [TEXT PRINTING]: [LINE ART]
- [GRFX. PRINTING]: [DETAIL]

[EDGE ENHANCEMENT]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [EDGE ENHANCEMENT]

Select whether or not to sharpen the edges for each of [IMAGE PRINTING], [TEXT PRINTING], and [GRFX. PRINTING] categories.

The following shows the default settings.

- [IMAGE PRINTING]: [OFF]
- [TEXT PRINTING]: [ON]
- [GRFX. PRINTING]: [ON]

[EDGE STRENGTH]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [EDGE STRENGTH]

Select the degree of edge enhancement when sharpening the edges.

[MIDDLE] is specified by default.

[ECONOMY PRINT]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [ECONOMY PRINT]

Select whether or not to adjust the printing density in order to save the amount of toner consumed.

[OFF] is specified by default.

[PCL SETTING]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [PCL SETTING]

Adjust the image quality for PCL printing.

Settings	Description
[CONTRAST]	Adjust the contrast of the printed image. [0] is specified by default.
[IMAGE PRINTING]	Select the RGB image data processing method. • [RGB SOURCE]: Specify the color space of the input RGB. [sRGB] is specified by default. • [RGB INTENT]: Specify the color conversion property that is changed from input RGB to device CMYK. [PHOTOGRAPHIC] is specified by default. • [RGB GRAY]: Specify the printing method of black and gray colors. [BK=CMYK GRAY=CMYK] is specified by default.
[TEXT PRINTING]	Select the RGB text data processing method. • [RGB SOURCE]: Specify the color space of the input RGB. [sRGB] is specified by default. • [RGB INTENT]: Specify the color conversion property that is changed from input RGB to device CMYK. [VIVID] is specified by default. • [RGB GRAY]: Specify the printing method of black and gray colors. [BK=K GRAY=K] is specified by default.
[GRFX. PRINTING]	Select the RGB graphic data processing method. • [RGB SOURCE]: Specify the color space of the input RGB. [sRGB] is specified by default. • [RGB INTENT]: Specify the color conversion property that is changed from input RGB to device CMYK. [VIVID] is specified by default. • [RGB GRAY]: Specify the printing method of black and gray colors. [BK=K GRAY=K] is specified by default.

[PS SETTING]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [PS SETTING]

Adjust the image quality for PostScript printing.

Settings	Description
[IMAGE PRINTING]	Select the RGB image data processing method. • [RGB COLOR]: Specify the color space of the input RGB. [sRGB] is specified by default. • [RGB INTENT]: Specify the color conversion property that is changed from input RGB to device CMYK. [PHOTOGRAPHIC] is specified by default. • [RGB GRAY]: Specify the printing method of black and gray colors. [BK=CMYK GRAY=CMYK] is specified by default. • [OUTPUT PROFILE]: Specify the output profile. To register a profile in this machine, use **Web Connection**. For details, refer to Chapter 1 "Using Web Connection" in [User's Guide: Applied Functions]. [AUTO] is specified by default.
[TEXT PRINTING]	Select the RGB text data processing method. • [RGB COLOR]: Specify the color space of the input RGB. [sRGB] is specified by default. • [RGB INTENT]: Specify the color conversion property that is changed from input RGB to device CMYK. [VIVID] is specified by default. • [RGB GRAY]: Specify the printing method of black and gray colors. [BK=K GRAY=K] is specified by default. • [OUTPUT PROFILE]: Specify the output profile. To register a profile in this machine, use **Web Connection**. For details, refer to Chapter 1 "Using Web Connection" in [User's Guide: Applied Functions]. [AUTO] is specified by default.

Settings	Description
[GRFX. PRINTING]	Select the RGB graphic data processing method. • [RGB COLOR]: Specify the color space of the input RGB. [sRGB] is specified by default. • [RGB INTENT]: Specify the color conversion property that is changed from input RGB to device CMYK. [VIVID] is specified by default. • [RGB GRAY]: Specify the printing method of black and gray colors. [BK=K GRAY=K] is specified by default. • [OUTPUT PROFILE]: Specify the output profile. To register a profile in this machine, use **Web Connection**. For details, refer to Chapter 1 "Using Web Connection" in [User's Guide: Applied Functions]. [AUTO] is specified by default.
[SIMULATION]	Configure the simulation settings. • [SIM. PROFILE]: Select the simulation profile for input CMYK. [NONE] is specified by default. • [SIM. INTENT]: Specify the color conversion property for simulation. [RELATIVE COLOR] is specified by default. • [CMYK GRAY]: Specify the printing method of plate K in the CMYK input data for simulation. [BK=CMYK GRAY=CMYK] is specified by default.

[CALIBRATION]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [CALIBRATION]

Adjust gradation when reproduction quality of the printed image is degraded.

Settings	Description
[TONE CALIBRATION]	Select whether or not to enable the density adjustment. [ON] is specified by default.
[CMYK DENSITY]	Adjusts the density of highlight, intermediate, and shadow parts for each color. [0] is specified by default in every case.
[AIDC MODE]	Select the AIDC operation mode. [MODE 2] is specified by default.
[AIDC PROCESS]	Adjusts the displacement or inclination of the scanning section. If [600dpi] or [1200dpi] is selected, image stabilization processing is executed.
[TE CLEAR]	Normally, do not select this setting. If necessary, select this setting according to instructions from a service representative.

[COLOR SEPARATION]

To display: [ADMIN SETTINGS] - [QUALITY MENU] - [COLOR SEPARATION]

Select whether or not to enable the color separation. If the color separation is enabled, one page is divided into each color element of CMYK, and the divided images are printed in 4 pages in black.

[OFF] is specified by default.

5.3   [EXPERT ADJUSTMENT]

5.3.1   [PRINT MENU]

To display: [ADMIN SETTINGS] - [EXPERT ADJUSTMENT] - [PRINT MENU]

Print a halftone patterns.

Settings	Description
[HALFTONE 64]	Print a halftone pattern of density 25% for each color.
[HALFTONE 128]	Print a halftone pattern of density 50% for each color.
[HALFTONE 256]	Print a halftone pattern of density 100% for each color.
[GRADATION]	Print a gradation pattern.

5.3.2   [ALIGNMENT]

To display: [ADMIN SETTINGS] - [EXPERT ADJUSTMENT] - [ALIGNMENT]

Adjust the print start position and defective print images.

Settings	Description
[TOP ADJUSTMENT]	Select the type of the paper (plain paper, Thick, Thick 2, or envelope) you want to adjust the printing position for. Adjust the print start position at the leading edge of the paper relative to the paper discharge direction for each paper type.
[TOP ADJ DUPLEX]	Select the type of the paper (plain paper, Thick, or Thick 2) you want to adjust the printing position for. Adjust the print start position at the leading edge of the back side of the paper relative to the paper discharge direction for printing the back side during 2-sided printing, for each paper type.
[LEFT ADJUSTMENT]	Select the paper tray for adjusting the printing position. Adjust the print start position at the left-hand edge of the paper relative to the paper discharge direction for each paper tray.
[LEFT ADJ DUPLEX]	Select the paper tray for adjusting the printing position. Adjust the print start position at the left-hand edge of the paper relative to the paper discharge direction for printing the back side during 2-sided printing, for each paper tray.
[MEDIA ADJUSTMENT]	Adjust print defects (voids, white spots, roughness) that are caused by paper properties for each paper type. • [FIRST SIDE]: Select this option if defective images are found on the front side of 1-sided or 2-sided printing. Select the paper type to adjust a defective image. • [SECOND SIDE]: Select this option if defective images are found on the back side of 2-sided printing. Select the paper type to adjust a defective image. Print after configuration, then repeat adjustments, if necessary.

5.3.3   [ETHERNET]

[TCP/IP]

To display: [ADMIN SETTINGS] - [EXPERT ADJUSTMENT] - [ETHERNET] - [TCP/IP]

Configure the settings to use this machine in a TCP/IP environment.

Settings	Description
[ENABLE]	Select whether or not to use TCP/IP. [ON] is specified by default.
[IPV4 SETTINGS]	Assign an IP address (IPv4) to this machine.
[IP ADDRESS]	When manually specifying the IP address, enter the fixed IP address.
[SUBNET MASK]	When manually specifying the IP address, enter the subnet mask.
[DEFAULT GATE-WAY]	When manually specifying the IP address, enter the default gateway.
[IP APPLICATION]	When automatically specifying the IP address, select the method for automatic retrieval. • [DHCP]: [ON] is specified by default. • [BOOTP]: [OFF] is specified by default. • [ARP/PING]: [OFF] is specified by default. • [AUTO IP SETTINGS]: Fixed to [ENABLE].
[HTTP]	Select whether or not to use this machine as the HTTP server. If you select [DISABLE], you cannot use **Web Connection**. [ENABLE] is specified by default.
[BONJOUR]	Specify whether or not to enable Bonjour when using this machine in the Mac OS environment. Enabling the Bonjour function on this machine enables the computer to automatically detect this networked machine and display it as an addable printer in the list. [ENABLE] is specified by default.
[DNS HOST]	Configure the DNS settings when a DNS server is used.
[DYNAMIC DNS]	Select whether or not to enable the Dynamic DNS function. When your DNS server supports the Dynamic DNS function, the specified host name can be automatically registered on the DNS server or changes can be automatically updated as long as [ENABLE] is selected. [DISABLE] is specified by default.
[IPP]	Select whether or not to use IPP. [ENABLE] is specified by default.
[RAW PORT]	Specify a RAW port required for Port9100 printing.
[ENABLE]	Select whether or not to use the RAW port. [YES] is specified by default.
[BIDIRECTIONAL]	Select whether or not to enable bidirectional communication of the RAW port. [OFF] is specified by default.
[SLP]	Select whether or not to enable SLP (Service Location Protocol). [ENABLE] is specified by default.
[SMTP]	Select whether or not to send an E-mail from this machine. [ENABLE] is specified by default.
[SNMP]	Specify whether or not to use SNMP (Simple Network Management Protocol). [ENABLE] is specified by default.
[WSD PRINT]	Select whether or not to use the WS print function. [ENABLE] is specified by default.
[IPSEC]	Specify whether or not to use IPsec. To configure the IPsec detailed setting, use **Web Connection**. For details, refer to Chapter 1 "Using Web Connection" in [User's Guide: Applied Functions]. [DISABLE] is specified by default. 📖 **Note** This function is available when an optional **Hard Disk** is installed.

Settings	Description
[IP ADDR. FILTER]	Specify IP addresses that are permitted to access this machine and those that are refused access to the machine.
[ACCESS PERMS]	Select whether or not to specify an IP address that allows an access to this machine in order to perform an access restriction. To specify the IP address, use **Web Connection**. For details, refer to Chapter 1 "Using Web Connection" in [User's Guide: Applied Functions]. [DISABLE] is specified by default.
[ACCESS REFUSE]	Select whether or not to specify an IP address that rejects an access to this machine in order to perform an access restriction. To specify the IP address, use **Web Connection**. For details, refer to Chapter 1 "Using Web Connection" in [User's Guide: Applied Functions]. [DISABLE] is specified by default.
[IPV6]	Assign an IP address (IPv6) to this machine.
[ENABLE]	Select whether or not to use IPv6. [ON] is specified by default.
[AUTO SETTING]	Select whether or not to automatically assign the IPv6 global address of this machine. Selecting [ENABLE] automatically assigns the IPv6 global address based on the prefix length notified from the router and this machine's MAC address. [ENABLE] is specified by default.
[LINK LOCAL]	Displays the link-local address that is automatically specified from the MAC address of this machine.
[GLOBAL AD-DRESS]	When manually specifying the IPv6 address, enter the IPv6 global address.
[GATEWAY AD-DRESS]	When manually specifying the IPv6 address, enter the gateway address.

[SPEED/DUPLEX]

To display: [ADMIN SETTINGS] - [EXPERT ADJUSTMENT] - [ETHERNET] - [SPEED/DUPLEX]

Select the network speed according to your environment.

[AUTO] is specified by default.

[IEEE802.1X]

To display: [ADMIN SETTINGS] - [EXPERT ADJUSTMENT] - [ETHERNET] - [IEEE802.1X]

Select whether or not to use IEEE802.1X authentication.

To configure the IEEE802.1X detailed setting, use **Web Connection**. For details, refer to Chapter 1 "Using Web Connection" in [User's Guide: Applied Functions].

[DISABLE] is specified by default.

5.3.4   [PRINT DOCUMENT]

To display: [ADMIN SETTINGS] - [EXPERT ADJUSTMENT] - [PRINT DOCUMENT]

Select whether or not to enable to print files from USB memory.

[ENABLE] is specified by default.

Tips
This function is available when an optional **Hard Disk** is installed.

5.3.5   [ADMIN DISPATCH]

To display: [ADMIN SETTINGS] - [EXPERT ADJUSTMENT] - [ADMIN DISPATCH]

When using a service that diagnoses the machine status remotely, send the machine's operating status to the IP remote diagnosis system.

5.3.6   **[FINE LINE ADJ]**

To display: [ADMIN SETTINGS] - [EXPERT ADJUSTMENT] - [FINE LINE ADJ]

Adjust the reproducibility of thin lines by changing the voltage (VC) to be applied to the electrostatic roller.

[0] is specified by default.

5.3.7   **[IMG ADJ BLACK]**

To display: [ADMIN SETTINGS] - [EXPERT ADJUSTMENT] - [IMG ADJ BLACK]

Adjust the density of an image to be printed in black and white. The larger the number, the darker the background.

[0] is specified by default.

5.4   [BILLING SETTING]

5.4.1   [LICENSE MGMT]

[GET REQUEST CODE]

To display: [ADMIN SETTINGS] - [BILLING SETTING] - [LICENSE MGMT] - [GET REQUEST CODE]

Display this machine's serial number and request code.

Settings	Description
[REQUEST CODE]	Issues the request code of this machine that is to be registered in the License Management Server (LMS).
[SERIAL NO]	Displays the serial number of this machine.
[PRINT]	Prints the request code and serial number.

[ACTIVATION]

To display: [ADMIN SETTINGS] - [BILLING SETTING] - [LICENSE MGMT] - [ACTIVATION]

Enter the function code for identifying the advanced function and the license code for enabling the advanced function that enables the advanced function.

Settings	Description
[FUNCTION CODE]	Enter the function code.
[LICENSE CODE]	Enter the license code.
[EXECUTE]	Enables the advanced function using the function code and license code you entered.

5.5   [LIFE]

5.5.1   [REPLACE]

To display: [ADMIN SETTINGS] - [LIFE] - [REPLACE]

Configure a setting to replace consumables.

Settings	Description
[FUSER UNIT]	Resets the fuser unit counter.
[TRANS. BELT]	Resets the transfer belt counter.
[TRANS. ROLLER]	Resets the transfer roller counter.

KONICA MINOLTA

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