# VI-503 Video Interface Kit/IC-406 Image Controller INSTALLATION MANUAL

Applied Machines: C352/C300 COLOR MFP 35 ppm (C352)/30 ppm (C300) for Product Code 9J06



#### Note:

When banner printing function is used, optional Expanded Memory Unit EM-309 is needed.

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After unpacking, be sure to get rid of the packaging materials and keep them out of the reach of children.

Putting the head in the plastic bag involves danger of suffocation.

## II. Part Names



#### Switches

<Power switch>

- When turned on, power starts to be supplied to the image controller, and the image controller system starts up.
- When turned off, the power supply to the image controller is completely stopped. Before turning off the power switch, make sure that the image controller system is completely shut down.

<Softswitch>

- When turned on, the image controller system starts up.
- When turned off, the image controller system safely shuts down.

## III. Installation procedures

#### Note:

To install this Kit, the Paper Feed Cabinet or the Desk must first be installed on the machine.

- 1. Turn off the machine.
- 2. Remove the cord clamp and unplug the power cord from the machine (one screw).



3. Remove the lower rear cover (seven screws).



4. Take out the Dust Filter of the backside of the machine.





the Local Interface Kit.

#### Note:

For the FAX Kit or the Local Interface Kit removal procedure, see Installation Manual for them.

9. Remove the shield cover (fifteen screws).



10. Remove the Metal Blanking Plate (one screw). (Removed Metal Blanking Plate will be no more necessary.)



11. Mount the shoulder screws to the position shown on the illustration (one shoulder screw furnished with the Video Interface Kit).



- 12. Mount the Relay circuit board.
  - (1) Set the connecter (PJ02) for the Relay circuit board to the Metal Blanking Plate on the side.
  - (2) Connect the connector (PJ01) for the Relay circuit board with the connector (PJ04) for MFP control board (PWB-MFPC).



(3) Secure the connector for the relay circuit board with the mounting screw for the relay circuit board connector.



(4) Secure the relay circuit board (one screw B furnished with the Video Interface Kit).



13. Reinstall the shield cover that has been removed in step 9 (fifteen screws).

#### Note:

For three types of screw are used, refer the illustration to make sure the position of each screw.



14. Mount the FAX Kit and the Local Interface Kit that have been removed in step 8.

#### Note:

For the FAX Kit or the Local Interface Kit mounting procedure, see Installation Manual for them.

- 15. Reinstall the right rear cover that has been removed in step 7 (three screws).
- 16. Plug in the IR connector that has been removed in step 6 and close the right door.



17. Reinstall the upper rear cover that has been removed in step 5 (four screws).



18. Insert the Dust Filter that has been pull out in step 4.





20. Unhook two tab, and remove the wiring cover.



21. Install the Metal Blanking A and B (two screw B's for each side and two screw C's furnished with the Video Interface Kit).



22. Attach the image controller to the back of the machine, and then slide the controller to the right.

#### Note:

During installation, be careful that the image controller is not dropped.



23. Secure the image controller (four screw A's furnished with the Video Interface Kit).



24. Connect the machine and the Image Controller using the Image transmission cable furnished with the Image Controller.



25. Connect the machine and the Image Controller using the LAN cable furnished with the Image Controller.



## IV. Connecting the Power Cords

### Note:

- Use the furnished power cable without fail.
- 1. Connect the power outlet for the outer controller of the machine and the connector for the power cable on the Image controller using the power cable furnished with the Image controller.



 Plug the power cord into the machine and put the cord clamp that has been removed in P. E-3 step 2 through the power cord to install it (one screw).



## V. Specifying the Machine Settings

From the machine, specify the necessary settings for using the controller.

<Image Controller Setting>

- 1. Turn on the machine.
- Display the Service Mode screen. (For details of how to display the Service Mode screen, see the Service Manual.)
- 3. Touch "System 2."



#### 4. Touch "Image Controller Setting."



5. Touch "Controller 1."



- 6. Touch "END."
- 7. Touch "Exit."

8. Turn the machine off, then on again. (If the machine has not been turned off, the setting changes are not applied.)

The precautions for changing "Controller 1" on the machine to any setting other than "Controller 1" and for returning the setting to "Controller 1" are provided at the end of this manual.

## VI. Specifying the Controller Settings

Specify the default settings for the controller.

- 1. Turn on the controller.
- 2. Turn on the machine.

Procedures for turning the Controller and the Machine ON/OFF are described at the end of this manual.

- 3. Wait until "Language Setup" is displayed at the lower-left corner of the screen in the machine's touch panel.
- 4. Press the [Utility/Counter] key on the machine.
- 5. Touch "Controller Details."

#### Note:

If "Controller Details" does not appear, wait a short while, and then repeat steps 3 and 4.

- In the Language Setup screen, select the language and market region.
   After the settings have been specified, the controller restarts.
- 7. When the password is entered, the Setup screen appears. The default password is "Fiery.1." (Be sure to type in the password with the correct capitalization.)
- 8. The Setup screen appears in the controller operation panel.
- 9. Touch "Server Setup."
- 10. Without specifying any other settings, touch "Exit." When "Save Changes" appears, select "Yes."
- 11. In the same way, select "Network Setup", "Protocol Setup", "IPv4 Setup", then "Ethernet Setup", and then set "Enable IPv4 for Ethernet" to "Yes" and "Enable Auto IP Configuration" to "No."
- 12. Specify settings for the following.

IP Address:	Controller IP address
Subnet Mask:	Subnet mask for the connected network
Gateway Address:	IP address of the default gateway

#### Note:

First check with your network administrator for the settings that should be entered.

- 13. Touch "Menu" three times, and then select "Yes" when "Save Changes" appears.
- 14. Touch "Print Setup."

- 15. Touch "Menu." When "Save Changes" appears, press the button to the right of "OK."
- 16. When "Exit Setup" appears, select it to reboot the image controller.
- 17. After the image controller is ready to be used, turn the machine off, then on again.

## VII. Checking the Setup With a Test Print

After setting up the controller, print the configuration page to check that the controller is operating correctly.

<To print a test page>

- 1. Press the [Utility/Counter] key on the machine.
- 2. Touch "Controller Details."
- 3. Touch "Menu."
- Select "Print Pages." The names of the pages that can be printed are displayed.
- 5. Select "Configuration."

## VIII. Connecting to a computer

Use a network cable (Category 5E or over recommended) to connect the image controller to the computer.



#### LED descriptions

Port 1 (For the LAN)

LED1: Lights up in green when linked at 1 Gb Lights up in red when linked at 100 Mb

LED2: Lights up in orange when linked at 10 Mb Port 2 (For the MACHINE)

- LED1: Lights up in red when linked at 100 Mb
- LED2: Lights up in orange when communicating with the machine

#### Softswitch

Lights up when the image controller is running or is ready to be used

## IX. Installing the Patch Files

#### <Objective>

- The image controller is recognized as a KONICA MINOLTA product when a network management tool (for example, PageScope Net Care) is used.
- The KONICA MINOLTA logo appears at the top of the PageScope Web Connection page.

#### Note:

This patch file is not provided on the CD-ROM supplied with the image controller; it must be acquired separately.

<To install the patch file>

- 1. Check that the computer can communicate with the controller through the TCP/IP protocol.
- 2. Install Command Work Station (from the CD-ROM included with the image controller) onto the computer.
- 3. Start up Command Work Station.
- 4. Select the controller from the "Available Servers" list, and then click "Add."
- 5. Log on with administrator permissions. The default password is "Fiery.1." (Be sure to type in the password with the correct capitalization.)
- 6. From the File menu, point to "Import", and then click "Job."
- 7. In the Select File to Import dialog box, select the patch file, and then click [Add].
- 8. In the "Logical Printer" box, select "30C-KM direct", and then click "Import."
- 9. In order to apply the patch file settings, the image controller must be restarted. Wait at least 60 seconds before restarting the image controller.
- 10. Follow the procedure described below to access PageScope Web Connection and check that the KONICA MINOLTA logo appears on the page.

<To access PageScope Web Connection>

In the Address bar of a Web browser, type the IP address of the controller, and then press the [Enter] key.

Example: http://192.168.0.200/

The following PageScope Web Connection page appears.

.ogout System	Job Box	Print	Scan	
Device Information Consumables Input Tray				
▶Summary ▶Hard Disk ▶Interface Information	Device Name: Device Place: Device Type: Print/Copy/Seg	n		
Administrator Information Counter Online Assistance	Engine Model: KONICA MINO C332 Engine Serial Number: -	LTA binhub		
	Consumable Status			
Login (Fiery)	Toner (Cyan)	Ready		
WebTools	Toner (Magenta)	Ready		
🖁 WebTools	Toner (Magenta) Toner (Yellow)	Ready Ready		
WebTools	Toner (Magenta) Toner (Yellow) Toner (Black)	Ready Ready Ready		
& WebTools	Toner (Magenta) Toner (Yellow) Toner (Black) Imaging Unit (Cyan)	Ready Ready Ready Ready		
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4 WebTools	Toner (Magenta) Toner (Vellow) Toner (Black) Imaging Unit (Oyan) Imaging Unit (Nenenta) Imaging Unit (Yellow) Imaging Unit (Black) Waster Toner Botte	Ready Ready Ready Ready Ready Ready Ready		
& WebTools	Toner (Magenta) Toner (Ellow) Toners (Black) Janging Unit (Angenta) Janging Unit (Angenta) Janging Unit (Yellow) Janging Unit (Black) Waste Toner Bottle Faser Unit	Ready Ready Ready Ready Ready Ready Ready Ready		
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## X. Reference Information

Precautions for changing "Controller 1" on the machine to any setting other than "Controller 1" and for returning the setting to "Controller 1" Since the following settings are initialized when a setting other than "Controller 1" is selected, even if the following settings were specified when "Controller 1" was selected, the following settings may need to be reset if "Controller 1" is selected again and IC-406 is used.

#### Machine control panel

- "Administrator Setting" "Network Setting" NetWare Setting SMB Setting FTP Setting E-Mail Setting LDAP Setting TCP Socket Setting Time Adjustment Setting Device Setting
- "Administrator Setting" "User Authentication/ Account Track"
- Authentication Method ON (External Server)
- "Administrator Setting" "System Connection" OpenAPI Setting

#### Scanning

- Mailbox Destination
- Information on the original specified by the Program Destination
- "User Setting" "Initial Setting" Scan

#### Turning power ON/OFF

The following procedures describe how to turn ON/ OFF the Image Controller and the Machine.

<To turn on the unit when the power switch and softswitch are off>

- 1. Turn on the power switch on the image controller.
- 2. Check that the image controller is ready to be used, and then turn on the machine.

<To turn on the system when the power switch is on, but the softswitch indicator is off>

- 1. Turn on the softswitch on the image controller.
- 2. Check that the image controller is ready to be used, and then turn on the machine.

Turning power for the machine ON too soon may cause trouble. Refer to the following for detail.

<To turn off the system>

- 1. Use either the control panel or the softswitch to shut down the image controller.
- 2. Check that the image controller is shut down, and then turn off the power switch of the image controller.
- 3. Turn off the machine.

#### Timing for turning on the machine

The machine and image controller communicate internally through a cross cable. If the DHCP function is enabled on the image controller, the network interface card in the machine performs a DHCP request when it is turned on in order to acquire the IP address necessary for communicating with the image controller as well as DNS setting used for the network function on the machine. Since a DHCP request is performed when the machine is turned on, the IP address cannot be acquired if the machine is turned on before the image controller is ready to be used, preventing communications with the image controller.