



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for KONICA MINOLTA BIZHUB 501. You'll find the answers to all your questions on the KONICA MINOLTA BIZHUB 501 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual KONICA MINOLTA BIZHUB 501**  
**User guide KONICA MINOLTA BIZHUB 501**  
**Operating instructions KONICA MINOLTA BIZHUB 501**  
**Instructions for use KONICA MINOLTA BIZHUB 501**  
**Instruction manual KONICA MINOLTA BIZHUB 501**



The essentials of imaging

## **bizhub** 501/421/361

User's Guide Print Operations [IC-207]



[You're reading an excerpt. Click here to read official KONICA MINOLTA BIZHUB 501 user guide](http://yourpdfguides.com/dref/593478)  
<http://yourpdfguides.com/dref/593478>



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*...x-9 Product notation .....*

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*.....x-9 Explanation of manual conventions ...*

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*x-10 User's Guides.....*

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*..x-11 Printed manual .....*

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*.....x-11 User's Guide CD manuals ...*

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*....x-11 1 Overview of printer functions 1.1 1.1.1 1.1.2 1.3 1.2 1.2.1 Printer controller.*

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..... 1-2 Role of the printer controller .....

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..1-2 Printing flow .....

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....1-3 Control panel .

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*...1-4 Operating environment .....*

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*.... 1-5 Compatible computers and operating systems .....*

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*.1-5 Windows .....*

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*.....1-5 Macintosh ..*

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*...1-5 Compatible interfaces.....*

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*1-6 Ethernet interface .....*

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*...1-6 USB interface..*

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*...1-6 Connection diagram .....*

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*..1-6 Setting up the system...*

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*1-7 Network connection .....*

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*....1-7 Local connection .....*

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*.....1-7 Contents of CD-ROM ..*

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*, 1-9 1.2.2 1.3 1.  
3.1 1.3.2 1.4 2 Precautions for installation 2.  
1 2.2 2.3 2.3.1 2.3.2 2.3.3 2.3.  
4 2.3.5 2.3.6 Introduction .....*

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*... 2-2 Printer drivers applicable to operating systems.....*

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*... 2-3 Connection methods selectable in each operating system ..*

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*.... 2-4 Windows 2000/XP/Server 2003.*

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*.....2-4 Windows Vista ....*

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*...2-5 Windows NT 4.0 .....*

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*2-6 Mac OS 9.2....*

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*...2-6 Mac OS 10.2, 10.3, or 10.4...*

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*..... 3-2 Installer operating environment ..*

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*3-2 Easy installation using the installer .....*

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*3-3 Settings of this machine .....*

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*...3-3 Installation of the printer driver ..*

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.....3-3 4 Manual installation using the Add Printer wizard 4.1 4.1.1 Windows XP/Server 2003 .

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..... 4-2 Network connection (LPR/Port9100) .....

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4-2 IC-207 x-2 TCP/IP setting for this machine.....

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..4-2 RAW port number setting for this machine ...

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*.4-2 LPD setting for this machine ....*

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*..4-2 Printer driver installation using the Add Printer Wizard ...*

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*.....4-5 TCP/IP setting for this machine.*

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*.4-5 SMB setting for this machine .....*

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*.4-5 Printer driver installation by specifying printers using the Add Printer Wizard....*

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*.....4-6 Network connection (IPP or IPPS)...*

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*4-8 Specifying the TCP/IP setting for this machine .....*

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*...4-8 Specifying the IPP settings for this machine ..*

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*4-8 Printer driver installation using the Add Printer wizard.....*

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*..4-8 Local connection .....*

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*.4-9 Windows Vista....*

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..... 4-11 Network connection (LPR, Port9100, or SMB) .

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.....4-11 Specifying the TCP/IP setting for this machine ....

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..4-11 RAW port number setting for this machine .....

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....4-11 LPD setting for this machine .....

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*...4-11 SMB setting for this machine ..*

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*.4-11 Printer driver installation by searching printers using the Add Printer Wizard ....*

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*4-11 Printer driver installation by creating a port using the Add Printer Wizard.....*

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*.....4-13 Network connection (IPP or IPPS).....*

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*.4-15 Specifying the TCP/IP setting for this machine .....*

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*..4-15 Specifying the IPP settings for this machine ...*

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*..4-16 Printer driver installation using the Add Printer wizard...*

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*..4-16 Network connection (Web Service print) .....*

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*.....4-17 TCP/IP setting for this machine..*

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.....4-17 Web Service settings for this machine ..

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.....4-17 Printer installation from the Network window...

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.....4-17 Printer driver installation by specifying the IP address using the Add Printer Wizard ....

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...4-18 Local connection .....

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4-20 Windows 2000 .....

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.....4-24 SMB setting for this machine ...

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5-13 Specifying the LPR settings .....

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.....5-14 5.2 5.2.1 5.2.

2 6 Installation to use NetWare 6.1 6.1.1 6.1.2 NetWare .....

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*.... 7-2 Uninstallation by an uninstallation program .....*

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*.....7-2 Uninstallation by an installer...*

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*....7-2 Manual uninstallation .....*

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*.7-4 8 Print functions of the PCL/PS drivers for Windows 8.1 8.2 8.2.1 8.2.2 8.2.3 8.2.4 8.3 8.4 8.4.1 8.4.2 8.4.3 8.4.4 8.4.5*

*4.4 8.4.5 Printing operations .....*

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*8-2 Initializing the printer driver.....*

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*... 8-3 How to display the Properties screen .....*

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*8-3 Configure tab .....*

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*.....8-3 Settings tab .....*

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*.....8-4 Registration of the default settings...*

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*.....8-5 Common settings .*

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... 8-6 Parameter details .....

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.. 8-7 Basic tab.....

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.....8-7 Layout tab.

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...8-9 *Finish tab* .....

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...8-10 *Cover Mode tab.*

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*..8-11 Stamp/Composition tab .....*

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*...8-12 Editing watermark.....*

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*....8-13 Editing date/time and page number .*

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*.....8-14 Quality tab ...*

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...8-15 Other tab.

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...8-16 8.

4.6 8.4.7 9 Print function of Mac OS X 9.1 9.  
2 9.2.1 9.2.2 9.3 9.4 Printing operations ....

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... 9-2 Initializing the printer driver.....

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..... 9-3 Options .....

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.....9-3 Registration of the default settings.....

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.....9-3 Common settings .....

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*. 9-5 How to add a custom size .....*

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*. 9-6 IC-207 x-4 9.5 9.5.1 9.5.2 9.5.3 9.5.4 9.5.5 9.5.6 9.*

*5.7 9.5.8 Parameter details .....*

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*.. 9-7 Page Attributes ...*

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.....9-7 Copies & Pages .

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9-7 Output Method .....

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..9-8 Checking the Output Method setting details.....

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*....9-9 Layout/Finish .....*

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*..9-10 Paper Tray/Output Tray .....*

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*....9-12 Cover Mode/Transparency Interleave .....*

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....9-13 Per Page Setting.....

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..9-14 Stamp/Composition...

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*...9-17 Quality.*

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*...9-18 9.5.*

9 10 Print function of Mac OS 9.2 10.1 10.2 10.2.1 10.2.2 10.3 10.3.

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... 10-2 Initializing the printer driver..

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.... 10-3 Options .....

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*.10-3 Registration of the default settings.....*

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*.10-4 Parameter details ....*

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*... 10-5 Page Attributes .....*

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*.....10-5 Setting Custom Page Size..*

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*.....10-6 11 Function detail description 11.1 11.1.1 Proof print..*

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*... 11-2 Setting up the printer driver..*

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*.....11-2 For Windows.*

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*...11-2 For Macintosh OS X .....*

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*11-3 Recalling a job from the control panel.....*

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*11-3 Secure print .....*

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*..... 11-5 Setting up the printer driver...*

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*...11-5 For Windows.....*

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*..11-5 For Macintosh OS X .....*

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*.....11-7 Recalling a job from the control panel.*

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.....11-8 When "Confidential Document Access Method" is set to "Mode 1".

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..11-8 When "Confidential Document Access Method" is set to "Mode 2" .....

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...11-10 Save in User Box.....

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11-13 Setting up the printer driver.....

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*....11-13 For Windows.....*

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*.11-13 For Macintosh OS X ....*

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*.11-14 Recalling a job from the control panel....*

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*....11-15 Printing on a machine with the user authentication set up .....*

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.. 11-18 Setting up the printer driver.....

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*.11-18 For Windows....*

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*...11-18 For Macintosh OS X.....*

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*.....11-20 Printing with the machine enabling the Account Track function..*



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..... 11-21 Setting up the printer driver...

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.11-21 For Windows.....

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.....11-21 For Macintosh OS X..

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*...11-23 Touch and Print..*

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*.. 11-24 11.1.2 11.2 11.2.1 11.2.2 11.*

*3 11.3.1 11.3.2 11.4 11.4.1 11.5 11.5.*

*1 11.6 IC-207 x-5 11.7 11.7.1 11.*

*7.2 Specifying a user-defined encryption passphrase ....*

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*..... 11-25 Settings of this machine ..*

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*.....11-25 Setting up the printer driver...*

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*..11-27 For Windows.....*

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*.....11-27 For Macintosh OS X ..*

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*...11-28 Saving the driver settings ..*

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.....11-30 Editing the settings .  
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.....11-30 Importing and exporting the driver settings ....

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.....11-31 11.8 11.8.1 11.8.

2 11.8.3 11.8.4 12 Settings on the control panel 12.1 12.1.1 12.2 12.2.  
1 12.2.2 12.2.3 12.  
2.4 12.2.5 12.2.  
6 12.2.7 12.2.8 12.2.9 12.2.10 12.2.

11 12.2.12 12.2.13 12.2.14 12.2.15 12.2.  
16 12.2.17 12.2.18 12.  
2.19 12.2.20 12.2.  
21 12.2.22 12.2.23 12.2.24 12.2.25 12.2.

26 Basic operations for user settings .....

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*12-2 Displaying the User Settings screen.*



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*...12-2 User settings .....*

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*..... 12-4 PDL setting ..*

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*.....12-4 Number of Copies .*

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*.....12-5 Original Direction .*

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*.12-6 Spool Print Jobs in HDD before RIP.....*

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*....12-7 A4/A3 LTR/LGR Auto Switch .....*

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*..12-8 Banner Sheet Setting.....*

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*.....12-9 Binding Direction Adjustment ..*

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*....12-10 Skip Blank Pages.*

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.....12-11 Paper Tray .

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.....12-12 Paper Size.

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12-13 2-Sided Print.....

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*.....12-14 Binding Position...*

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*.....12-15 Staples.*

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*.....12-16 Punch.....*

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*.12-20 Font Size....*

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*.....12-21 Line/Page.*

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*.12-22 CR/LF Mapping .....*

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*...12-23 Print PS Errors ..*

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*.....12-24 Verify XPS Digital Signature...*

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*.12-25 TIFF Image Paper Settings .....*

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*.12-26 Print Reports....*  
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*...12-27 Image Shift Settings .....*

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*.....12-29 Stamp Settings ..*

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*.12-30 Date/Time Print Position.....*

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*12-31 Date/Time Text Size .....*

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*.....12-31 Page Number Print Position .....*

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*...12-31 Page Number Text Size ..*

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.....12-40 Print Data Capture .

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.....12-40 Driver Password Encryption Setting...

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...12-41 13 PageScope Web Connection 13.1 13.1.1 13.1.2 13.1.3 Using PageScope Web Connection .....

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... 13-2 Operating environment .....

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*.....13-2 Accessing PageScope Web Connection....*

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*..13-2 Web browser cache...*

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*13-3 With Internet Explorer .....*

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*.....13-3 With Netscape Navigator.....*

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*.....13-3 With Mozilla Firefox .....*

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*...13-3 Structure of pages .....*

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*...13-4 Logging on and logging off..*

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*..... 13-6 Login and logout operations.....*

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*13-6 When user authentication and account track settings are not specified .....*

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*..13-6 When user authentication and account track settings are specified ...*

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*13-7 Logout.....*

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.....13-7 Login .

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13-8 Options that can be selected when logged on to PageScope Web Connection .....

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13-8 Logging on as a public user .....

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13-9 Logging on as a registered user .....





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*... 13-12 Information..*

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*...13-12 Job.....*

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*.....13-13 Box .....*

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*. 13-16 Maintenance .....*

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*.....13-16 Security..*

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*...13-17 Box .....*

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*....13-18 Print Setting .....*

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*..13-19 Store Address .....*

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*.....13-20 Network ...*

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.....14-5 15 Appendix 15.  
1 15.2 15.3 15.3.1 15.  
3.2 15.3.3 15.4 Product specifications .....

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... 15-2 Configuration page .....

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..... 15-4 Font list ..

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.. 15-5 PCL Font List .....

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*15-5 PS Font List .....*

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*15-6 Demo page .....*

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*.15-7 PPD driver (for Linux and applications) .....*

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... 15-8 IC-207 x-7 15.4.1 15.4.2 15.4.3 15.

5 PPD driver types.....

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...15-8 About the PPD driver for Linux ..

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....15-8 About the PPD driver for applications .....

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....15-9 Glossary.

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Be sure to read this manual before using the machine IC-207 x-11 1 Overview of printer functions Overview of printer functions 1 1.1 Overview of printer functions Printer controller The printer controller is a device for performing printing functions and network printing functions with this machine. 1.1.1 Role of the printer controller With the optional printer controller, this machine works as a printing system, allowing printing from applications on the computer connected to the printing system. When using this machine as a network printer, you can print from applications on the computer. Printing system Machine Computer Printer controller The printer controller provides the following functions: Printing data being sent from a printer driver on a computer Support of network protocols including TCP/IP (IPv4/IPv6), IPX/SPX, and AppleTalk Direct printing over a network using SMB (Windows), LPR, and IPP printing Access to settings for this machine and the printer controller from a client computer over the network (using a Web browser) Control of the number of pages printed (the User Authentication and Account Track functions) Fax operations using a computer (PC-fax transmission) 2 Note In order to use the fax functions, the optional fax kit is required. ! Detail For details on the PC-fax transmission, refer to the User's Guide [Fax Driver Operations]. IC-207 1-2 Overview of printer functions 1 1.1.

2 Printing flow The following outlines the flow of operations for using this printing system as a printer. The printer driver receives print commands from applications. Data is transmitted to this machine over a USB interface when this machine is used via a USB connection, or over an Ethernet interface (TCP/IP, IPX/SPX, or AppleTalk) when this machine is used via an Ethernet connection. The data is then delivered from this machine to the printer controller, which performs image rasterization (development of output characters and images to bitmap data). Finally, this data is printed from this machine. Computer Used with a USB connection Application Used with a network connection Application Printer driver Printer driver USB Ethernet (TCP/IP, IPX/SPX, or AppleTalk) Image processing PS/PCL processing (rasterizing) Printing system Secure Print Save in user box Hard disk Print 2 Note When a connection is made with the USB port, the local interface kit is required. Original documents can be scanned in the copy function or network scan function while this machine is operating as a printer. To use the copy functions, press the [Copy] key on the control panel. When a print job is received during copying, the data is stored in the memory of this machine. When the copying is completed, the print job is automatically printed.

IC-207 1-3 Overview of printer functions 1 1.1.3 Control panel The printer driver settings are mainly specified on the computer, however, the font list can be printed and the network controller settings and default print settings can be specified using the control panel of this machine. The following describes major keys used for the printer function. 1 12 11 10 2 9 3 876 54 No. 1 2 3 4 5 Name Touch panel [Utility/Counter] key [Reset] key [Proof Copy] key [Start] key Description Displays various screens and messages. Specify various settings by directly touching the touch panel. Press to display the Utility screen and the Meter Count screen. Press to reset all settings (except programmed settings) entered in the control panel or touch panel. Press to perform proof printing when a proof print job is stored.

Press to start the operation of the selected function. When this machine is ready to start the operation, the indicator on the [Start] key lights up in blue. If the indicator on the [Start] key lights up in orange, the operation cannot be started. Flashes in blue while a print job or fax is being received. Lights up in blue when a print job or fax is queued to be printed or while it is being printed. Press to erase a value entered using the keypad or characters entered the keyboard on the screen. Use to enter numerals such as the administrator password or other settings. In order to use this machine when user authentication or account track settings have been applied, enter the user name and password (for user authentication) or the account name and password (for account track), and then press this key. Press to enter User Box mode. While the machine is in User Box mode, the indicator on the [User Box] key lights up in green.

For details, refer to the User's Guide [Box Operations]. Press to enter Fax/Scan mode. While the machine is in Fax/Scan mode, the indicator on the [Fax/Scan] key lights up in green. For details, refer to the User's Guide [Network Scan/Fax/Network Fax Operations]. Press to enter Copy mode. (As a default, the machine is in Copy mode.) While the machine is in Copy mode, the indicator on the [Copy] key lights up in green. For details, refer to the User's Guide [Copy Operations]. 6 Data indicator 7 8 9 [C] (clear) key Keypad [Access] key 10 [User Box] key 11 [Fax/Scan] key 12 [Copy] key 2 Note For details on proof printing, refer to "Proof print" on page 11-2. You can use this machine as a printer in any of User Box, Fax/Scan, and Copy modes. Change the default print settings in the Utility mode. IC-207 1-4 Overview of printer functions 1 1.2 Operating environment The following descriptions the system requirements for using this printing system and the interfaces used for connection. 1.2.1 Compatible computers and operating systems Check that the computer being connected meets the following conditions. Windows Item Operating System Operating environment 32bit editions Windows NT4.0 (Service Pack 6a or later) Windows 2000 Professional/Server (Service Pack 3 or later) Windows XP Home/Professional (Service Pack 2 or later) Windows Server 2003 Standard Windows Vista (All versions) 64bit editions Windows XP Professional (Service Pack 2 or later) Windows Server 2003 Windows Vista (All versions) Drive Web Browser (when using PageScope Web Connection) CD-ROM Microsoft Internet Explorer Ver. 6 or later recommended (JavaScript and Cookies enabled) Microsoft XML parser MSXML3.X must be installed when Internet Explorer Ver.

5.5 is being used. Netscape Navigator Ver. 7.02 or later (JavaScript and Cookies enabled) Mozilla Firefox Ver. 1.0 or later (JavaScript and Cookies enabled) Adobe® Flash® (plug-in ver. 7.0 or later required if Flash is selected as the display format) Macintosh Item Operating System Drive Web Browser (when using PageScope Web Connection) Operating environment Mac OS 9.2, Mac OS X 10.2, Mac OS X 10.3, or Mac OS X 10.4 CD-ROM Netscape Navigator Ver. 7.02 or later (JavaScript and Cookies enabled) Mozilla Firefox Ver. 1.0 or later (JavaScript and Cookies enabled) Adobe® Flash® (plug-in ver.



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7.0 or later required if Flash is selected as the display format) IC-207 1-5 Overview of printer functions 1 1.2.

2 Compatible interfaces The following interfaces can be used to connect this printing system to a computer. Ethernet interface Select to use this printing system via a network connection. Supports 10Base-T, 100Base-TX, and 1000Base-T standards. In addition, the Ethernet interface supports the TCP/IP (LDP/LPR, IPP, SMB), IPX/SPX (NetWare), and AppleTalk (EtherTalk) protocols. USB interface Select to use this printing system via a USB connection. The USB interface can be connected to a computer running Windows. A USB cable is required for connection. Use a type A (4 pin, male) or type B (4 pin, male) USB cable. A USB cable measuring three meters or less is recommended. 2 Note When a connection is made with the USB port, the local interface kit is required.

Connection diagram The printer cables are connected to each port on this machine. Machine (side view) Ethernet port (1000Base-T/100Base-TX/10Base-T) USB port IC-207 1-6 Overview of printer functions 1 1.3 Setting up the system In order to use this printing system, it must first be set up. The setup procedure refers to a series of steps for connecting this machine to a computer and installing the printer driver on the computer. The setup procedure consists of the following steps. 2 Note It is possible to use the point and print install. However, please note that the server does not support any OS other than the Windows NT when the client employs the Windows NT. 1.3.1 Network connection 1 2 3 4 Connect this machine to a computer.

Make sure the computer is connected to the network. Specify the IP address of the machine to connect it to the network. Depending on the connection method and protocol, change the network settings of this machine. LPR: Enable LPD print in the LPD Setting screen. Port9100: Enable the RAW port number (9100 at default), in the TCP/IP Setting screen.

SMB: Specify "Print Setting" in the SMB Setting screen. IPP/IPPS: Enable IPP print in the IPP Setting screen. For IPPS print, install the certificate in advance. Bonjour: Enable Bonjour in the Bonjour Setting screen. AppleTalk: Enable AppleTalk in the AppleTalk Setting screen.

5 6 Install the printer driver. Specify the network port of the printer driver according to the connection method and protocol. Install the screen fonts. The Driver CD contains the Latin TrueType fonts as screen fonts. The ScreenFont or Screen Fonts folder in the CD-ROM contains the screen fonts. Install the screen fonts after adding the operating system standard fonts. For details, refer to Help of the operating system. Macintosh fonts are compressed. Decompress them before installing. 1.

3.2 Local connection 2 Note When a connection is made with the USB port, the local interface kit is required. 1 2 3 Connect this machine to a computer. Install the printer driver. Install the screen fonts. The Driver CD contains the Latin TrueType fonts as screen fonts. The ScreenFont or Screen Fonts folder in the CD-ROM contains the screen fonts. Install the screen fonts after adding the operating system standard fonts. For details, refer to Help of the operating system. 2 Reminder After installing the printer driver, perform test print to make sure that the connections are made properly.

IC-207 1-7 Overview of printer functions 1 ! Detail For details on applicable interfaces, refer to "Compatible interfaces" on page 1-6. For details on network settings, refer to the User's Guide [Network Administrator]. The procedure for installing the printer driver differs depending on the connection method, operating system of the computer, and printer driver. For details, refer to "Precautions for installation" on page 2-2. 2 Note To update an existing printer driver, delete the existing printer driver first.

For details, refer to "Uninstalling the printer driver" on page 7-2. If necessary, specify the interface timeout settings in the Utility mode on the control panel. For details, refer to "I/F Timeout" on page 12-39. IC-207 1-8 Overview of printer functions 1 1.4 Contents of CD-ROM The following CD's are contained in this product.

Driver CD (Printer Driver CD) Application CD (PageScope Utilities) User's Guide CD Each CD contains printer drivers (for Windows and Macintosh), utilities, document data such as User's Guide manuals and release notes, and screen fonts. 2 Note In User's Guide, locations of folders or files may not contain the root directory. Be sure to use files contained in the EN (English) folder. Windows: Driver CD AutoRun.exe Autorun.inf Autorun.ini EN.ini JA.ini Driver Drivers FAX EN Win x64 Win x86 WinNT40 (Fax Driver for Windows 64bit) (Fax Driver for Windows 2000/XP/Vista) (Fax Driver for Windows NT4.0) DE ES FR IT JA KO ZH-CN ZH-TW PCL EN Win x64 Win x86 WinNT40 (Printer Driver for Windows 64bit) (Printer Driver for Windows 2000/XP/Vista) (Printer Driver for Windows NT4.

0) DE ES FR IT JA KO ZH-CN ZH-TW PS EN DE ES FR IT JA KO ZH-CN ZH-TW Lang OEM PPD\_PageMaker Readme Readme ScreenFont SETUPINI TWAIN IMAGE HDD TWAIN Readme Manual Win x64 Win x86 (PostScript Printer Driver for Windows 64bit) (PostScript Printer Driver for Windows 2000/XP/Vista) IC-207 1-9 Overview of printer functions Macintosh: 1 Driver CD Driver OS9\_x EN DE JA ES FR IT KO ZH-CN ZH-TW OS10\_2\_x OS10\_3\_x PPD\_PageMaker Readme ScreenFont bizhub\_501\_102.pkg bizhub\_501\_103104.pkg (Printer Driver for Mac OS X 10.2/PPD pkg file) (Printer Driver for Mac OS X 10.3/10.4/PPD pkg file) KONICAMINOLTA501UV1.0.0.ppd (Printer Driver for Mac OS9.x/PPD file) IC-207 1-10 2 Precautions for installation Precautions for installation 2 2 2.

1 Precautions for installation Introduction Keep in mind the following information before install the printer driver. The procedure for installing the printer driver differs depending on how this machine is connected to the computer, what operating system is installed on the computer, and what printer driver is to be installed. To determine the printer driver to be installed and connection method, check the operating system on the computer and connection environment.

Select the installation method according to the printer driver and connection method. IC-207 2-2 Precautions for installation 2 2.

2 Printer drivers applicable to operating systems In order to use this printing system, the printer driver must be installed. The following lists the printer drivers included on the CD and the supported computer operating systems. Select the required printer driver. Printer driver Konica Minolta PCL Driver (PCL driver) Page description language PCL XL (PCL 6) Supported operating systems 32bit editions Windows NT4.0 (Service Pack 6a or later) Windows 2000 Professional/Server (Service Pack 3 or later) Windows XP Home/Professional (Service Pack 2 or later) Windows Server 2003 Standard Windows Vista (All versions) 64bit editions Windows XP Professional (Service Pack 2 or later) Windows Server 2003 Windows Vista (All versions) Konica Minolta PostScript Driver (PS driver) PostScript3 Emulation 32bit editions Windows 2000 Professional/Server (Service Pack 3 or later) Windows XP Home/Professional (Service Pack 2 or later) Windows Server 2003 Standard Windows Vista (All versions) 64bit editions Windows XP Professional (Service Pack 2 or later) Windows Server 2003 Windows Vista (All versions) PostScript PPD driver (PS-PPD) Fax driver Mac OS 9.



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2 or later Mac OS X 10.2, Mac OS X 10.3, or Mac OS X 10.4 32bit editions Windows NT4.0 (Service Pack 6a or later) Windows 2000 Professional/Server (Service Pack 3 or later) Windows XP Home/Professional (Service Pack 2 or later) Windows Server 2003 Standard Windows Vista (All versions) 64bit editions Windows XP Professional (Service Pack 2 or later) Windows Server 2003 Windows Vista (All versions) 2 Note Select the page description language according to the application used for printing. For details on fax drivers, refer to the User's Guide [Fax Driver Operations]. IC-207 2-3 Precautions for installation 2.3 Connection methods selectable in each operating system The connection method for this machine differs depending on the operating system of the computer. The printer driver installation method also differs depending on the connection method. This machine can be connected via a network or a USB interface.

In network connection, the printer driver installation method differs depending on the protocol to be used. Network connection (Ethernet): This machine is connected as a network printer. This printing system supports 10Base-T, 100Base-TX, and 1000Base-T standards. In addition, the Ethernet interface supports the TCP/IP (LDP/LPR, IPP, SMB), IPX/SPX (NetWare), and AppleTalk (EtherTalk) protocols. The applicable protocols differ depending on the operating system of the computer. USB interface: This machine is connected as a local printer. The USB interface can be connected to a computer Windows-compatible computer. 2.3.1 Windows 2000/XP/Server 2003 Setup method Connection method that can be set up with an installer Connection method Port9100 A network connection using the PORT9100 print service.

It uses a TCP/IP protocol and the RAW printing port. A network connection using the IPP (Internet Printing Protocol) print service. Printing via the Internet is possible with the HTTP (HyperText Transfer Protocol) of the TCP/IP protocol. IPPS is an IPP for SSL encrypted communication. A connection using a USB port.

A network connection using the LPR (Line Printer Remote) print service. It uses a TCP/IP protocol and the LPR printing port. A network connection using the PORT9100 print service. It uses a TCP/IP protocol and the RAW printing port. A network connection using SMB (Server Message Block) for sharing files or printers in Windows.

It supports the TCP/IP protocol. A network connection using the IPP (Internet Printing Protocol) print service. Printing via the Internet is possible with the HTTP (HyperText Transfer Protocol) of the TCP/IP protocol. IPPS is an IPP for SSL encrypted communication. A connection using a USB port. A connection using a USB port. For Windows XP/Server 2003: "Local connection" on page 4-9 For Windows 2000: "Local connection" on page 4-27 "Manual installation using the Add Printer wizard" on page 4-2 Refer to "Easy installation using the installer (Windows)" on page 3-2 \* Select the connection method in the course of installation. Select "Normal Printing" for Port 9100 or USB connection, "Internet Printing" for IPP connection, or "Secure Printing" for IPPS connection. IPP/IPPS USB Connection method that can be set up with the Add Printer wizard LPR Port9100 SMB IPP/IPPS USB Connection method that can be set up with plug-and-play USB 2 Note Before using this machine in a network environment, the network settings must be specified for this machine. For details, refer to the User's Guide [Network Administrator].

To install the printer driver under Windows 2000, XP, or Server 2003, log on using a user name that is authorized by the administrator. This manual describes the setup method of USB connection only using the Plug and Play. When a connection is made with the USB port, the local interface kit is required. IC-207 2-4 Precautions for installation 2.3.2 Windows Vista Setup method Connection method that can be set up with an installer Connection method Port9100 A network connection using the PORT9100 print service. It uses a TCP/IP protocol and the RAW printing port. A network connection using the IPP (Internet Printing Protocol) print service. Printing via the Internet is possible with the HTTP (HyperText Transfer Protocol) of the TCP/IP protocol. A connection using a USB port.

A network connection using the LPR (Line Printer Remote) print service. It uses a TCP/IP protocol and the LPR printing port. A network connection using the PORT9100 print service. It uses a TCP/IP protocol and the RAW printing port. A network connection using SMB (Server Message Block) for sharing files or printers in Windows.

It supports the TCP/IP protocol. A network connection using the IPP (Internet Printing Protocol) print service. Printing via the Internet is possible with the HTTP (HyperText Transfer Protocol) of the TCP/IP protocol. IPPS is an IPP for SSL encrypted communication. A connection supports WSD (Web Service on Devices) of Windows Vista, detects the printer on the network automatically and connects.

A connection using a USB port. A connection using a USB port. For Windows Vista: "Local connection" on page 4-20 "Manual installation using the Add Printer wizard" on page 4-2 Refer to "Easy installation using the installer (Windows)" on page 3-2 \* Select the connection method in the course of installation. Select "Normal Printing" for Port 9100 or USB connection, or "Internet Printing" for IPP connection. IPP USB Connection method that can be set up with the Add Printer Wizard LPR Port9100 SMB IPP/IPPS Web Service print USB Connection method that can be set up with plug-and-play USB 2

Note Before using this machine in a network environment, the network settings must be specified for this machine. For details, refer to the User's Guide [Network Administrator]. To install the printer driver under Windows Vista, log on as the Administrator. Either of the installer or Add Printer Wizard can be used to install the PCL driver and PS driver. When using Windows Vista, the IPPS connection can not be setup using the installer. For using IPPS connection, setup the connection using the Add Printer Wizard.

For details, refer to "Network connection (IPP or IPPS)" on page 4-15. IC-207 2-5 Precautions for installation 2.3.3 Windows NT 4.0 Setup method Connection method that can be set up with the Add Printer wizard Connection method LPR A network connection using the LPR print service. Refer to "Manual installation using the Add Printer wizard" on page 4-2 2 Note Before using this machine in a network environment, the network settings must be specified for this machine. For details, refer to the User's Guide [Network Administrator]. To install the printer driver under Windows NT 4.0, log on using a user name that is authorized by the administrator. 2.

3.4 Mac OS 9.



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2 Setup method A method to specify the Printer Description File (PPD file) Connection method AppleTalk LPR (LPD) A network connection using AppleTalk. A network connection using the LPR print service. Refer to "Installation on Macintosh computers" on page 5-2 \* Specify the connection method when selecting the printer.

! Detail Before using this machine in a network environment, the network settings must be specified for this machine. For details, refer to the User's Guide [Network Administrator]. 2.3.5 Mac OS 10.

2, 10.3, or 10.4 Setup method Connection method that can be set up with an installer Connection method Bonjour AppleTalk LPR IPP A network connection using Bonjour and Rendezvous. A network connection using AppleTalk. A network connection using the LPR print service. A network connection using the IPP print service. Refer to "Installation on Macintosh computers" on page 5-2 \* Specify the connection method when selecting the printer. ! Detail Before using this machine in a network environment, the network settings must be specified for this machine. For details, refer to the User's Guide [Network Administrator]. 2.

3.6 NetWare NetWare version NetWare 4.x NetWare 5.x Protocol used IPX IPX TCP/IP NetWare 6.x IPX TCP/IP Connection method Bindery Pserver Nprinter/Rprinter NDS Pserver Nprinter/Rprinter NDPS NDS Pserver NDPS IC-207 2-6 Precautions for installation 2 2 Note For details on the NetWare functions, refer to the NetWare operation manual of the NetWare. Before using this machine in a NetWare environment, the network settings must be specified for this machine. For details, refer to the User's Guide [Network Administrator]. IC-207 2-7 3 Easy installation using the installer (Windows) Easy installation using the installer (Windows) 3 3 3.1 Easy installation using the installer (Windows) Installer This installer automatically detects whether this machine is connected via USB or on the same TCP/IP network as the computer, then installs the required printer driver. You can also manually specify the connection destination during installation.

2 Reminder When installing the driver on NT 4.0/2000/XP/Vista/Server 2003, administrator permissions are required. When this machine is connected via USB, if a wizard for adding new hardware starts up, click the [Cancel] button. 3.1.

1 Installer operating environment Item Operating system Operating environment 32bit editions Windows NT4.0 (Service Pack 6a or later)\* Windows 2000 Professional/Server (Service Pack 3 or later) Windows XP Home/Professional (Service Pack 2 or later) Windows Server 2003 Standard Windows Vista (All versions) 64bit editions Windows XP Professional (Service Pack 2 or later) Windows Server 2003 Windows Vista (All versions) \* With Windows NT 4.0, in order to install this machine connected directly to a network using the TCP/IP protocol, Microsoft TCP/IP Print Services must first be installed on the computer. IC-207 3-2 Easy installation using the installer (Windows) 3 3.2 3.

2.1 Easy installation using the installer Settings of this machine Specify the IP address of this machine. 2 Note To allow this machine to be automatically detected when connected to a network, be sure to set the IP address for this machine before starting installation. For details, refer to the User's Guide [Network Administrator]. Depending on the connection method and protocol, change the network settings of this machine. Port9100: Enable the RAW port number (9100 at default), in the TCP/IP screen. IPP/IPPS: Enable IPP print in the IPP Setting screen. 2 Note For details on the TCP/IP settings and IPP settings of this machine, refer to the User's Guide [Network Administrator]. To use IPPS printing, the certificate must be registered to this machine. For details, refer to the User's Guide [Network Administrator].

3.2.2 Installation of the printer driver ! Detail If the User Account Control window appears when installing on Windows Vista, click the [Allow] button or the [Continue] button. 1 Insert the Driver CD into the CD-ROM drive of the computer. Check that the installer starts up, and then continue with step 2. If the installer does not start up, open the printer driver folder on the CD-ROM, double-click "Setup.exe" for the 32bit editions OS and "Setup64.exe" for the 64bit editions OS, and then proceed to Step 3. 2 3 Click the "Printer Install" button. The installer of the printer driver starts.

If you agree with all terms and conditions of the license agreement, click the [AGREE] button. If not, the software cannot be installed. You can change the display language of the installer using the box in the lower-left corner. IC-207 3-3 Easy installation using the installer (Windows) 3 You can change the display language of the installation license agreement in the lower-right corner. 4 If the setup selection window appears, select "Install printers/MFPs", and then click the [Next] button.

The connected printers and MFP are detected. If the printer is not detected, turn off this machine, then on again. When turning off the power, then on again, wait at least 10 seconds before turning it on again. Otherwise, this machine may not function properly. 5 Select this machine, and then click the [Next] button. If the connection of this machine cannot be recognized, this machine is not listed. If this is the case, select "Specify the Printer/MFP Except for the Above. (IP Address, Host Name...)", and then specify this machine manually. In addition to "Normal Printing" (Port 9100 and USB), "Internet Printing" (IPP) and "Secure Printing" (IPPS) can be selected as the printing method. Secure Printing (IPPS) can be used when SSL is enabled from PageScope Web Connection and IPP is enabled. When using Windows Vista, the IPSS connection can not be setup using the installer. For using IPSS connection, setup the connection using the Add Printer Wizard.

For details, refer to "Network connection (IPP or IPSS)" on page 4-15. 6 Check the installation settings. To change the settings, click the [Installation Settings] button, and then continue with step 7. IC-207 3-4 Easy installation using the installer (Windows) If not changing the settings, continue with step 8. 3 7 Select the components to be installed, and then click the [OK] button. For details on fax drivers, refer to the User's Guide [Fax Driver Operations]. 8 In the Confirm Installation Settings dialog box, click the [Install] button. If the Windows Logo Testing or Digital Signature dialog box appears, click the [Continue] or [Yes] button. 9 In the Finish Installing Drivers dialog box, click the [Finish] button. This completes the fax driver installation.



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IC-207 3-5 Easy installation using the installer (Windows) 3 In the Finish Installing Drivers dialog box, installation items can be confirmed and settings can be changed. [Review]: Confirm the installation settings. [Rename Printer]: Change the printer name. [Share Setting]: Specify shared settings of the printer.

[Property]: Specify the property settings of the printer.

For details, refer to "Initializing the printer driver" on page 8-3. [Print Setting]: Specify the functions of the printer driver. For details, refer to "Parameter details" on page 8-7. [Print Test page]: Perform test print. IC-207 3-6 4 Manual installation using the Add Printer wizard Manual installation using the Add Printer wizard 4 4 4.

1 4.1.1 Manual installation using the Add Printer wizard Windows XP/Server 2003 Network connection (LPR/Port9100) When using the LPR/Port9100 printing, specify the port during the printer driver installation process. TCP/IP setting for this machine Specify the IP address on TCP/IP Setting of this machine. ! Detail For details on specifying the IP address of this machine, refer to the User's Guide [Network Administrator]. RAW port number setting for this machine To use Port9100 printing, enable the RAW port number (9100 at default), in the TCP/IP Setting screen of this machine. ! Detail For details on specifying the RAW port number of this machine, refer to the User's Guide [Network Administrator]. LPD setting for this machine To use LPR printing, enable LPD print on "LPD Setting" of this machine. ! Detail For details on the LPD settings of this machine, refer to the User's Guide [Network Administrator]. Printer driver installation using the Add Printer Wizard 2 Reminder When installing on Windows XP or Server 2003, administrator permissions are required.

1 2 Insert the Driver CD into the CD-ROM drive of the computer. Click the [Start] button, and then click "Printers and Faxes". If "Printers and Faxes" does not appear in the Start menu, open Control Panel from the Start menu, select "Printers and Other Hardware", and then click "Printers and Faxes". 3 For Windows XP, click "Add a printer" on the "Printer Tasks" menu. For Windows Server 2003, double-click the "Add Printer" icon. The Add Printer Wizard starts. IC-207 4-2 Manual installation using the Add Printer wizard 4 4 5 Click the [Next] button. Select "Local printer attached to this computer", and then click the [Next] button. Clear the "Automatically detect and install my Plug and Play printer" check box. The Select a Printer Port dialog box appears. 6 Click "Create a new port", and select "Standard TCP/IP Port" for "Type of port:". 7 8 9 Click the [Next] button. The Add Standard TCP/IP Printer Port Wizard starts. Click the [Next] button. In the "Printer Name or IP address" box, enter the IP address for this machine, and then click the [Next] button. If the Additional Port Information Required dialog box appears, go to step 10. IC-207 4-3 Manual installation using the Add Printer wizard If the Finish dialog box appears, go to step 13. 4 10 11 Select "Custom", and then click the [Settings] button. Change the settings according to the port, and then click the [OK] button. For an LPR connection, select "LPR", and then enter "Print" in the "Queue name" box.

For a Port9100 connection, select "RAW", and then enter the RAW port number (9100 at default) in the "Port Number" box. The information entered here is case-sensitive. 12 13 14 15 16 Click the [Next] button. Click the [Finish] button. The Add Printer Wizard appears. Click the [Have Disk] button. Click the [Browse] button. Specify the desired folder on the CD-ROM that contains the printer driver, and then click the [Open] button. Select the specified folder according to the printer driver to be used, the operating system, and the language. Printer drivers that can be selected: Windows XP/Server 2003: PCL driver, PS driver, fax driver For details of the built-in CD-ROM construction, see "Contents of CD-ROM" on page 1-9.

17 Click the [OK] button. The "Printers" list appears. IC-207 4-4 Manual installation using the Add Printer wizard 4 18 Click the [Next] button. 19 Follow the on-screen instructions. If the Windows Logo Testing or Digital Signature dialog box appears, click the [Continue] or [Yes] button. When using a network connection, perform a test print after the network settings have been specified. 20 21 22 4.1.2 Click the [Finish] button. When installation is complete, make sure that the icon of the installed printer appears in the Printers and Faxes window.

Remove the CD-ROM from the CD-ROM drive. This completes the printer driver installation. Network connection (SMB) When using the SMB printing, specify the port by specifying the printer during the printer driver installation process. Printers can be specified either by searching printers on the network, or by entering the printer name. TCP/IP setting for this machine Specify the IP address in the TCP/IP Setting screen of this machine.

! Detail For details on specifying the IP address of this machine, refer to the User's Guide [Network Administrator]. 2 Note When using the IPv6 protocol, the Direct Hosting Setting on the machine must be enabled. For details, refer to the User's Guide [Network Administrator]. SMB setting for this machine In "Print Setting" in the SMB Setting screen of this machine, specify the NetBIOS name, print service name, and workgroup. ! Detail For details on the SMB settings of this machine, refer to the User's Guide [Network Administrator].

IC-207 4-5 Manual installation using the Add Printer wizard Printer driver installation by specifying printers using the Add Printer Wizard 4 2 Reminder When installing on Windows XP or Server 2003, administrator permissions are required. 1 2 Insert the Driver CD into the CD-ROM drive of the computer. Click the [Start] button, and then click "Printers and Faxes". If "Printers and Faxes" does not appear in the Start menu, open Control Panel from the Start menu, select "Printers and Other Hardware", and then click "Printers and Faxes". 3 For Windows XP, click "Add a printer" on the "Printer Tasks" menu. For Windows Server 2003, double-click the "Add Printer" icon. The Add Printer Wizard starts. 4 5 Click the [Next] button. Select "Local printer attached to this computer", and then click the [Next] button. Clear the "Automatically detect and install my Plug and Play printer" check box.



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The Select a Printer Port dialog box appears. IC-207 4-6 Manual installation using the Add Printer wizard 4 6 Click "Create a new port", and select "Local Port" for "Type of port:" 7 In the "Enter a port name" box, enter "\\NetBIOS name\printer service name". Enter the same NetBIOS name and printer service name those appear in "Print Setting" in the SMB Setting screen of this machine. 8 9 10 11 Click the [OK] button. The Add Printer Wizard appears. Click the [Have Disk] button. Click the [Browse] button. Specify the desired folder on the CD-ROM that contains the printer driver, and then click the [Open] button. Select the specified folder according to the printer driver to be used, the operating system, and the language. Printer drivers that can be selected: Windows XP/Server 2003: PCL driver, PS driver, fax driver For details of the built-in CD-ROM construction, see "Contents of CD-ROM" on page 1-9. 12 13 Click the [OK] button. The "Printers" list appears. Click the [Next] button. 14 Follow the on-screen instructions. IC-207 4-7 Manual installation using the Add Printer wizard 4 If the Windows Logo Testing or Digital Signature dialog box appears, click the [Continue] or [Yes] button. When using a network connection, perform a test print after the network settings have been specified. 15 16 17 4.1.3 Click the [Finish] button. When installation is complete, make sure that the icon of the installed printer appears in the Printers and Faxes window. Remove the CD-ROM from the CD-ROM drive. This completes the printer driver installation. Network connection (IPP or IPPS) For IPP printing, specify the port during the printer driver installation process. Specifying the TCP/IP setting for this machine Specify the IP address of this machine. ! Detail For details on specifying the IP address of this machine, refer to the User's Guide [Network Administrator]. Specifying the IPP settings for this machine Enable IPP printing in "IPP Setting" of this machine. ! Detail For details on the IPP settings of this machine, refer to the User's Guide [Network Administrator]. To use IPPS printing, the certificate must be registered to this machine. For details, refer to the User's Guide [Network Administrator]. Printer driver installation using the Add Printer wizard 2 Reminder When installing on Windows XP or Server 2003, administrator permissions are required.

1 2 Insert the Driver CD into the CD-ROM drive of the computer. Click the [Start] button, and then click "Printers and Faxes". If "Printers and Faxes" does not appear in the "Start" menu, open the Control Panel from the "Start" menu, select "Printers and Other Hardware", and then click "Printers and Faxes". 3 For Windows XP, click "Add a printer" on the "Printer Tasks" menu. For Windows Server 2003, doubleclick the "Add Printer" icon. "Add Printer wizard" starts. 4 5 6 7 Click the [Next] button. In the Local or Network Printer dialog box, select "Network printer", and then click the [Next] button. In the Specify a Printer dialog box, select "Connect to a printer on the Internet or on a home or office network". In the "URL" field, enter the URL for this machine in the following format, and then click the [Next] button.  
 http://(IP\_address\_of\_machine)/ipp Example: If the IP address of this machine is 192.168.1.20, enter http://192.168.1.20/ipp. IC-207 4-8 Manual installation using the Add Printer wizard When setting this machine for IPPS printing, enter "https://(IP\_address\_of\_machine)/ipp". The window for confirming the user name and password appears in the course of installation. 4 8 9 10 11 When the confirmation dialog box appears, click the [OK] button.

Click the [Have Disk] button. Click the [Browse] button. Specify the desired folder on the CD-ROM that contains the printer driver, and then click the [Open] button. Select the specified folder according to the printer driver to be used, the operating system, and the language. Printer drivers that can be selected: Windows XP/Server 2003: PCL driver, PS driver For details of the built-in CD-ROM construction, see "Contents of CD-ROM" on page 1-9. 12 13 14 Click the [OK] button. The "Printer" list appears. Click the [Next] button. Follow the on-screen instructions. If the Windows Logo Testing or Digital Signature dialog box appears, click the [Continue] or [Yes] button.

15 16 17 Click the [Finish] button. When the installation is completed, make sure that the icon of the installed printer appears in the Printers and Faxes window. Remove the CD-ROM from the CD-ROM drive. This completes the printer driver installation. Once the settings for the printer have been specified, you can use the printer in the same way as a default local printer. Also, if you set up the printer for sharing in Windows, it can be used as a network printer by other Windows computers over the network. 4.1.4 Local connection When this machine is connected via a USB port, the printer driver can be installed with plug-and-play. 2 Note When a connection is made with the USB port, the local interface kit is required. Printer driver can be installed using the Add Printer Wizard. When using the Add Printer Wizard, select the USB port to be connected in the Select a Printer Port dialog box. 1 2 3 Connect this machine to a computer using a USB cable, and then start up the computer. Do not disconnect or connect the cable while the computer is starting up. Insert the Driver CD into the CD-ROM drive of the computer. Turn on the main power of this machine. The Found New Hardware Wizard dialog box appears. If the Found New Hardware Wizard does not start up, turn off this machine, then on again. When turning off the power, then on again, wait at least 10 seconds before turning it on again. Otherwise, this machine may not function properly.

4 5 Select "Install from a list or specific location (Advanced)", and then click the [Next] button. If the Windows connect to Windows Update dialog box appears, select "NO". From "Search for the best driver in these locations," select "Include this location in the search", and then click the [Browse] button. IC-207 4-9 Manual installation using the Add Printer wizard 4 6 Specify the desired folder on the CD-ROM that contains the printer driver, and then click the [Open] button. Select the specified folder according to the printer driver to be used, the operating system, and the language. Windows XP/Server 2003: PCL driver, PS driver, fax driver For details of the built-in CD-ROM construction, see "Contents of CD-ROM" on page 1-9.



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7 Click the [Next] button, and then follow the on-screen instructions. If the Windows Logo Testing or Digital Signature dialog box appears, click the [Continue] or [Yes] button. 8 9 10 Click the [Finish] button. When the installation is completed, make sure that the icon of the installed printer appears in the Printers and Faxes window.

Remove the CD-ROM from the CD-ROM drive. This completes the printer driver installation. IC-207 4-10 Manual installation using the Add Printer wizard 4 4.2 4.2.1 Windows Vista Network connection (LPR, Port9100, or SMB) In Windows Vista, the printer driver can be installed either by searching printers on the network, or by creating a new printer port. Specifying the TCP/IP setting for this machine Specify the IP address of this machine. ! Detail For details on specifying the IP address of this machine, refer to the User's Guide [Network Administrator]. 2 Note When using the IPv6 protocol, the Direct Hosting Setting on the machine must be enabled. For details, refer to the User's Guide [Network Administrator].

RAW port number setting for this machine To use Port9100 printing, enable the RAW port number (9100 at default), in the TCP/IP Setting screen of this machine. ! Detail For details on specifying the RAW port number of this machine, refer to the User's Guide [Network Administrator]. LPD setting for this machine To use LPR printing, enable LPD print in the LPD Setting screen of this machine. ! Detail For details on the LPD settings of this machine, refer to the User's Guide [Network Administrator]. SMB setting for this machine In "Print Setting" in the SMB Setting screen of this machine, specify the NetBIOS name, print service name, and workgroup.

! Detail For details on the SMB settings of this machine, refer to the User's Guide [Network Administrator]. Printer driver installation by searching printers using the Add Printer Wizard 2 Note When installing on Windows Vista, administrator permissions are required. Printers will be found during installation.

Connect this machine to the network, and then turn on the power. 1 2 3 Insert the Driver CD into the CD-ROM drive of the computer.

Click the [Start] button, and then click "Control Panel". From "Hardware and Sound", click "Printer". If Control Panel is displayed with Classic View, double-click "Printers". The Printers window appears. IC-207 4-11 Manual installation using the Add Printer wizard 4 4 Click "Add a printer" from the toolbar. The Add Printer window appears. 5 Click "Add a network, wireless or Bluetooth printer". If the printer is not detected, turn off this machine, then on again. When turning off the power, then on again, wait at least 10 seconds before turning it on again. Otherwise, this machine may not function properly.

The connected printers are detected. 6 Select this machine from the list, and then click the [Next] button. When using the LPR/Port9100 protocol, select the printer having its IP address. When using an SMB connection, select the printer having its "\\NetBIOS name\print service name". It may take some time to finish searching the entire list of printers. IC-207 4-12 Manual installation using the Add Printer wizard 4 7 8 9 Click the [Have Disk] button. Click the [Browse] button. Specify the desired folder on the CD-ROM that contains the printer driver, and then click the [Open] button. Select the specified folder according to the printer driver to be used, the operating system, and the language. Printer drivers that can be selected: Windows Vista: PCL driver, PS driver, fax driver For details of the built-in CD-ROM construction, see "Contents of CD-ROM" on page 1-9.

10 11 Click the [OK] button. The "Printer" list appears. Click the [Next] button. 12 Follow the on-screen instructions. If the "User Account Control" window appears, click the [Continue] button.

If the Verify the publisher dialog box of Windows Security appears, click "Install this driver software anyway". 13 14 15 Click the [Finish] button. When the installation is completed, make sure that the icon of the installed printer appears in the Printers window. Remove the CD-ROM from the CD-ROM drive. This completes the printer driver installation.

Printer driver installation by creating a port using the Add Printer Wizard 2 Reminder When installing on Windows Vista, administrator permissions are required. Printers will be found during installation. Connect this machine to the network, and then turn on the power. 1 2 3 Insert the Driver CD into the CD-ROM drive of the computer. Click the [Start] button, and then click "Control Panel". From "Hardware and Sound", click "Printer". If Control Panel is displayed with Classic View, double-click "Printers". The Printers window appears. IC-207 4-13 Manual installation using the Add Printer wizard 4 4 Click

"Add a printer" from the toolbar. The Add Printer window appears.

5 Click "Add a local printer". The Select a Printer Port dialog box appears. 6 Click "Create a new port", and select the port type. When using an LPR/Port9100 connection, select "Standard TCP/IP Port". When using an SMB connection, select "Local Port". 7 8 Click the [Next] button. Specify the IP address and port. When using an LPR/Port9100 connection, select "TCP/IP Device", and then enter the IP address. When using an SMB connection, enter "\\NetBIOS name\print service name" in the "Enter a port name" box. When both LPR and Port9100 are enabled for this machine, the printer driver and the machine is connected with LPR.

Enter the same NetBIOS name and print service name those appear in "Print Setting" in the SMB Setting screen of this machine. 9 Click the [Next] button. If the Additional Port Information Required dialog box appears, go to step 10. If the Install the printer driver dialog box appears, go to step 13. 10 11 Select "Custom", and then click the [Settings] button.

Change the settings according to the port, and then click the [OK] button. For an LPR connection, select "LPR", and then enter "Print" in the "Queue name" box. For a Port9100 connection, select "RAW", and then enter the RAW port number (9100 at default) in the "Port Number" box. The information entered here is case-sensitive. IC-207 4-14 Manual installation using the Add Printer wizard 4 12 13 14 15 Click the [Next] button.

The Install the printer driver dialog box appears. Click the [Have Disk] button.



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