



KONICA MINOLTA

License Install Utility

User's Guide



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About this product

KONICA MINOLTA License Install Utility is a utility for managing purchased software licenses. Using KONICA MINOLTA License Install Utility, requests for issuing licenses can be made to the license management server and equipment functions can be enabled.

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Dialog boxes

The dialog boxes shown in this manual are those that appear in Windows XP.



Detail

The dialog boxes that appear in this document may differ from those that appear on your computer, depending on the installed devices and specified settings.



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1 Introduction

1.1 System requirements

1.1.1 Operating environment

The system requirements for License Install Utility are described below.

Supported operating systems	<ul style="list-style-type: none"> • Windows XP Professional (SP3 or later) • Windows Vista Business (SP2 or later) • Windows 7 Professional (SP1 or later)
Web browser	Microsoft Internet Explorer 6.0 (SP1) or later
Library	Microsoft .NET Framework 2.0 (SP2 or later) <Windows XP> Microsoft .NET Framework 3.5 (SP1 or later) <Windows Vista> * The edition of .NET Framework required for this software is pre-installed on Windows 7.
Hard disk	100 MB or more of available space
Network	Computer with TCP/IP protocol settings correctly specified
Display	Resolution: 800 × 600 or more 16-bit color or more

Refer to the Readme file for the latest information about service packs and so on.

1.1.2 Main features

Registering active token certificates

Register active token certificates with License Install Utility to manage the licenses.

Issuing licenses

Send token numbers to the license management server so that license codes can be issued.

Registering licenses with devices

Register issued license codes with devices in order to use advanced functions that were purchased.

Viewing license information

Information such as the number of remaining licenses and the status of the licenses can be viewed.

Listing issued license codes

Checking for issued licenses that have not been used helps prevent that licenses remain unregistered.

Automatic device search

Devices within the local area network can automatically be searched for.

IPv4 broadcast, IPv4 unicast (specified search range) or IPv6 multicast can be specified for the automatic search.

2 Installing License Install Utility

2.1 Installation

Install License Install Utility onto your computer.

**Reminder**

Before installing the utility, be sure to log on with Administrator privileges.

Quit all applications (including virus detection programs) that are running.

Installation procedure

- 1 Start up the installer (Setup.exe).
- 2 Follow the instructions that appear on the screen to complete the installation.

2.2 Uninstallation

If License Install Utility is no longer to be used, remove it from the computer.

Uninstallation procedure

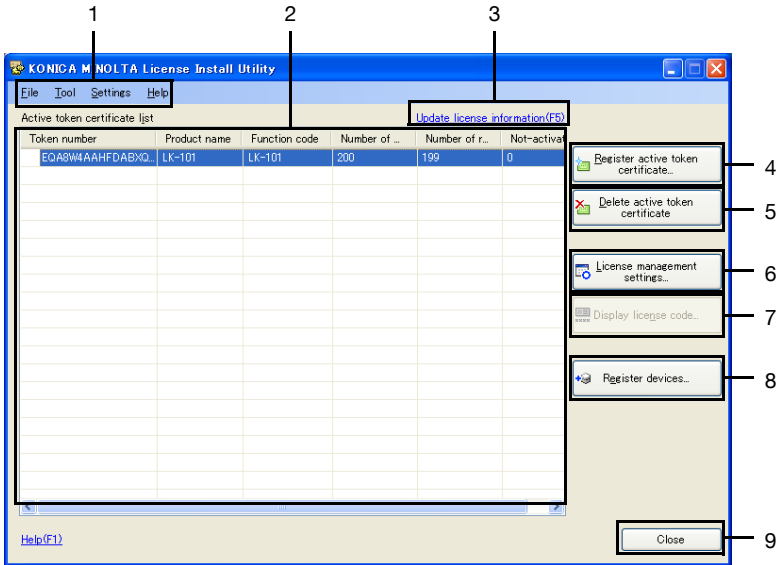
- 1 From Control Panel, open Add or Remove Programs.
- 2 Select "KONICA MINOLTA License Install Utility", and then remove it.

3.2 Exiting License Install Utility

Operating procedure

- On the "File" menu, click "Exit".
License Install Utility is exited.

3.3 Main window



No.	Element Name	Description
1	Menu bar	This enables the various functions of License Install Utility to be used.
	File	<ul style="list-style-type: none"> Exit: Exits License Install Utility.
	Tool	<ul style="list-style-type: none"> Register active token certificate: Registers active token certificates with License Install Utility. Delete active token certificate: Removes active token certificates from License Install Utility. License management settings: Manages the licenses. Display license code: Displays a list of issued licenses that have not been registered with a device.
	Settings	<ul style="list-style-type: none"> Device registration: Registers devices with License Install Utility. Option: Allows option settings to be specified.
	Help	<ul style="list-style-type: none"> Help: Displays Help information. About License Install Utility: Displays the software version of License Install Utility.
2	Active token certificate list	Displays the list of registered active token certificates.
3	Update license information	Click to update the license information.
4	Register active token certificate	Registers active token certificates with License Install Utility.

No.	Element Name	Description
5	Delete active token certificate	Removes active token certificates from License Install Utility.
6	License management settings	Manages the licenses. Licenses can be issued or registered with devices.
7	Display license code	Displays a list of issued licenses that have not been registered with a device.
8	Register devices	Registers devices with License Install Utility.
9	Close	Exits License Install Utility.

3.4 Registering devices

Register the devices to be managed with License Install Utility.

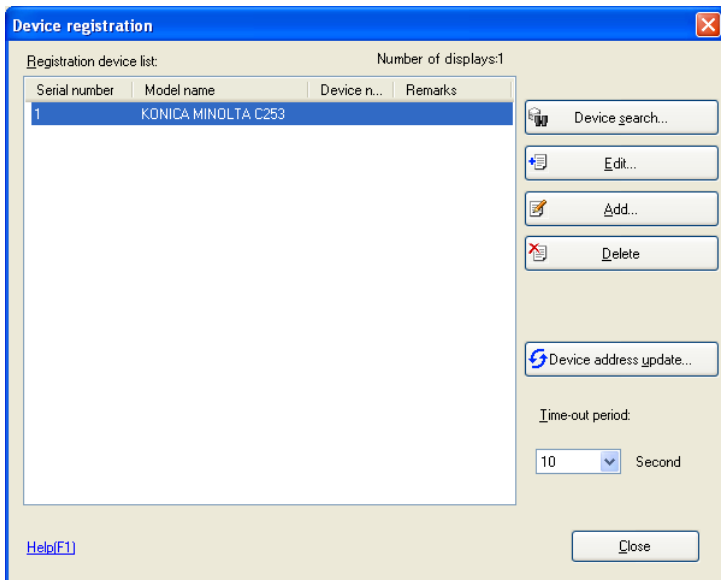
3.4.1 Searching for devices to be registered

From the specified network range, devices to be registered are searched for.

Registering found devices

- 1 On the "Settings" menu, click "Register devices".
 - The dialog box can also be displayed by clicking the [Register devices] button in the main window.

The Device registration dialog box appears.

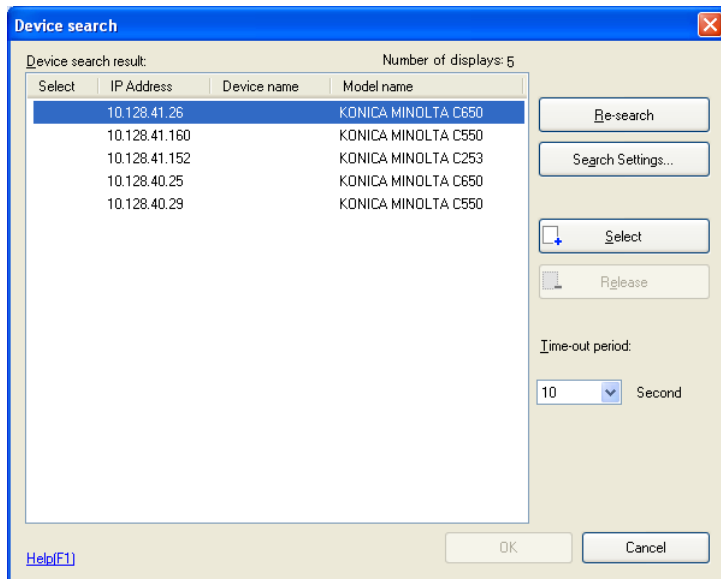


- 2 Click the [Device search] button.
 - If the device search range has not been specified, the Device search dialog box appears without the message "Do you want to start the device search process?" appearing. Click the [Search Settings] button in the Device search dialog box, and then add the search range. For details, refer to "Specifying the search range" on page 3-13.

The message "Do you want to start the device search process?" appears.

3 Click the [Yes] button.

The device search begins, and the found devices are listed in the Device search dialog box.



4 From the "Device search result" list, select the devices to the registered.

- Re-search: Searches for devices in the specified search range.
- Search Settings: Allows the device search range to be specified.
- Select: Specifies the devices to be registered. From the list, select the device to be registered, and then click the [Select] button.
- Release: Cancels the selection of devices specified to be registered. From the list, select the device to be removed, and then click the [Release] button.
- Time-out period: Select the amount of time until the search times out.

5 Click the [Select] button.

The devices are selected to be registered.

6 Click the [OK] button.

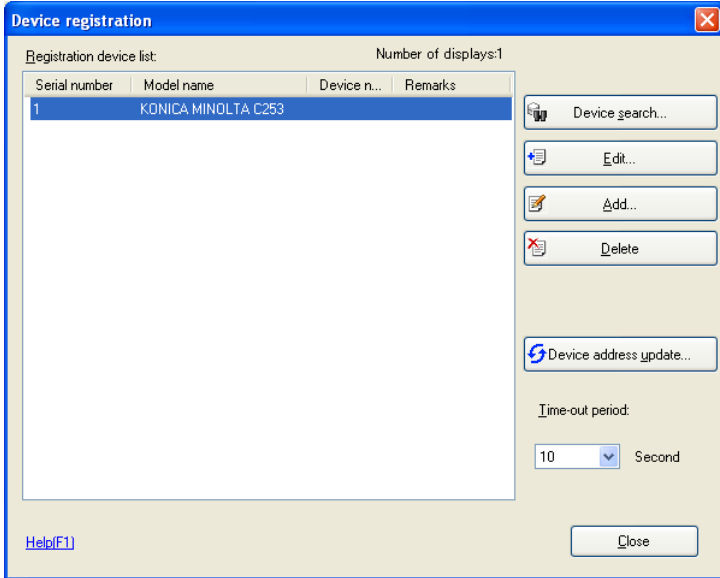
The devices are registered.

3.4.2 Specifying addresses of devices to be registered

Specify the address of devices to be registered.

Specifying the address of a device to be registered

- 1 On the "Settings" menu, click "Register devices".
 - The dialog box can also be displayed by clicking the [Register devices] button in the main window.
- The Device registration dialog box appears.



2 Click the [Add] button.

The Device addition dialog box appears.

Device addition

Input the network address of the device to be registered.

Device_address*:
(IPv4, IPv6, SMB Host name, DNS Host name)

Details

Usually, there is no need for changing.

SNMPv1 Read Community Name:

SNMPv3 Discovery User Name:

Context name:

SNMP Port number*: [1-65535]

[Help\(F1\)](#)

3 In the "Device address" box, type the address of the device to be registered.

- An IPv4- or IPv6-compatible IP address, an SMB host name or a DNS host name can be entered.

4 Type in any other necessary information.

- SNMPv1 Read Community Name: Specify the name of the SNMPv1 read community.
- SNMPv3 Discovery User Name: Specify the SNMPv3 discovery user name.
- Context name: Specify the SNMPv3 context name.
- SNMP Port number: Specify the number of the port used with SNMP.

5 Click the [OK] button.

- The device cannot be registered if a connection with the device cannot be established.

If a connection with the device is successfully established, the device is registered.

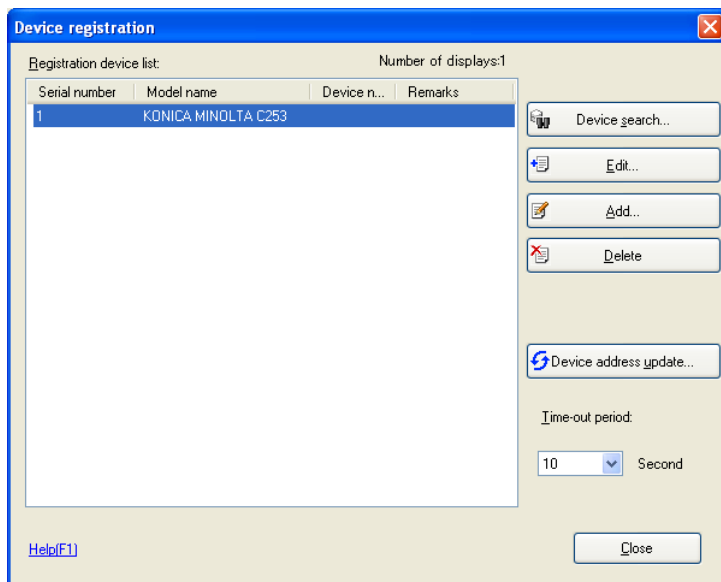
3.4.3 Editing device information

The information for devices registered with License Install Utility can be edited.

Editing registered information

- 1 On the "Settings" menu, click "Register devices".
 - The dialog box can also be displayed by clicking the [Register devices] button in the main window.

The Device registration dialog box appears.



- From the list, select the device whose information is to be edited, and then click the [Edit] button.

The Device information edit dialog box appears.

Device information edit (Device address: 192.168.1.100)

Settings group:

- Basic settings
- Open API

Device address: 192.168.1.100

Model name: KONICA MINOLTA C650

Device name:

Remarks:

MAC address: xxxxxxxxxxxx

Serial number: A00J001901081

Save the administrator password

Administrator password:

Administrator password(confirm):

Help(F1) OK Cancel

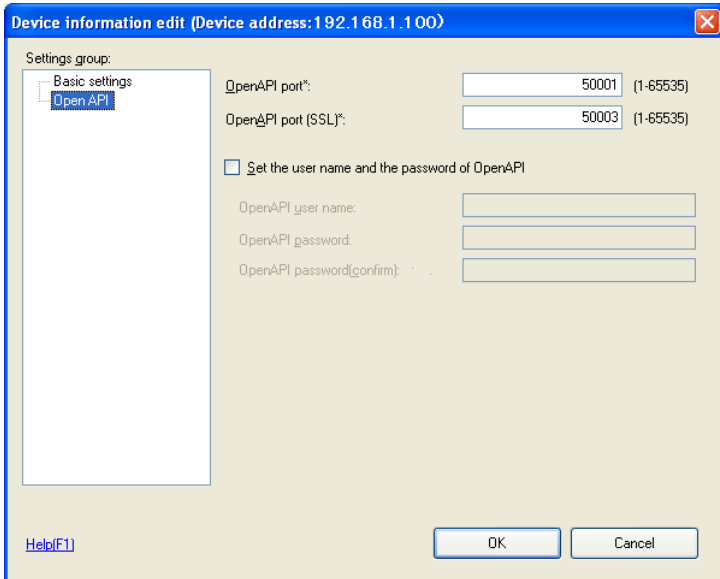
- Below "Settings group" on the left side of the dialog box, click "Basic settings".

The basic settings for the device can be edited on the right side of the dialog box.

- Check or edit the necessary information.
 - Device address: Displays the device address.
 - Model name: Displays the model name for the device.
 - Device name: Displays the name of the device.
 - Remarks: Type in comments concerning the device.
 - MAC address: Displays the MAC address for the device.
 - Save the administrator password: Select this check box to save the administrator password for the device in License Install Utility.
 - Administrator password: Type in the administrator password for the device.
 - Administrator password (confirm): For confirmation, again type in the administrator password.

- 5 Below "Settings group" on the left side of the dialog box, click "OpenAPI".

The OpenAPI settings for the device can be edited on the right side of the dialog box.



- 6 Check or edit the necessary information.
- OpenAPI port: Type in the number of the port used with OpenAPI.
 - OpenAPI port (SSL): Type in the number of the port used with OpenAPI during SSL communication.
 - Set the user name and the password of OpenAPI: Select this check box to specify the OpenAPI user name and password.
 - OpenAPI user name: Type in the user name for logging on with OpenAPI.
 - OpenAPI password: Type in the password for logging on with OpenAPI.
 - OpenAPI password (confirm): For confirmation, again type in the password for logging on with OpenAPI.
- 7 Click the [OK] button.

The edited settings are saved, and the Device information edit dialog box is closed.

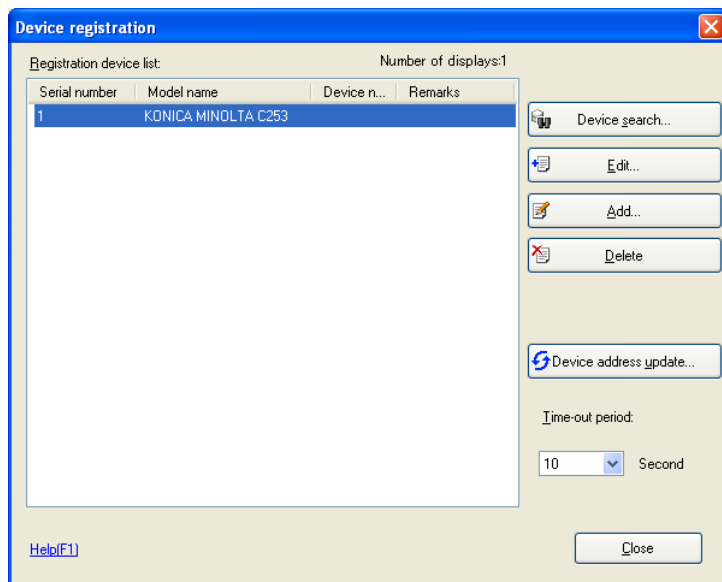
3.4.4 Deleting device information

The information for devices registered with License Install Utility can be deleted.

Deleting registered information

- 1 On the "Settings" menu, click "Register devices".
 - The dialog box can also be displayed by clicking the [Register devices] button in the main window.

The Device registration dialog box appears.



- 2 From the list, select the device whose information is to be deleted, and then click the [Delete] button.

A confirmation message appears.

- 3 Click the [Yes] button.

The registered information for the device is deleted.

3.5 Specifying the search range

If the desired device does not appear in the list in the Device search dialog box, specify the range to be searched for the device.

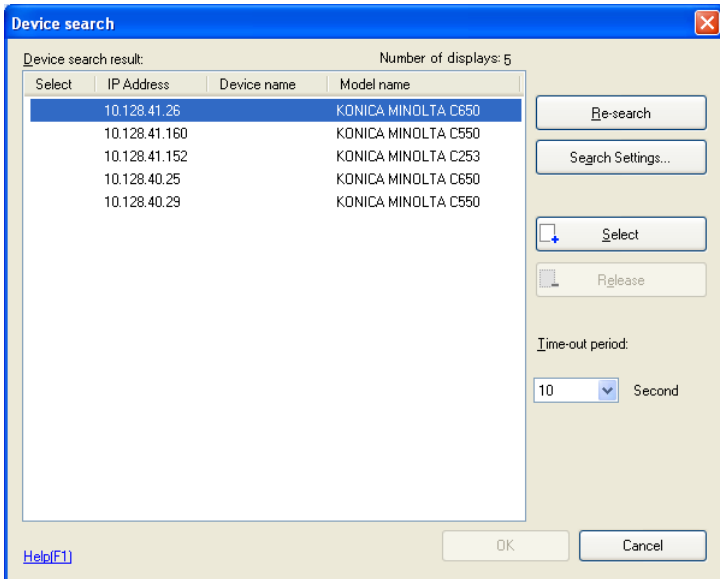


Detail

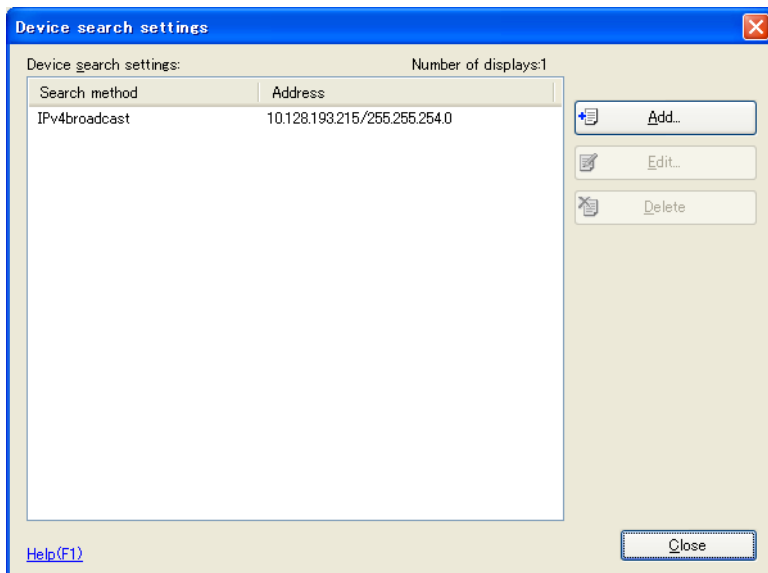
For details on displaying the Device search dialog box, refer to "Searching for devices to be registered" on page 3-5.

Adding a device search range

- 1 Click the [Search Settings] button in the Device search dialog box.



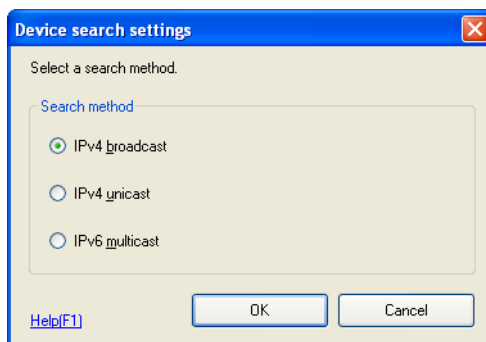
The Device search settings dialog box appears.



2 Click the [Add] button.

- Add: Allows a device search range to be added.
- Edit: Allows the selected device search range to be edited. From the list, select the search settings to be edited, and then click the [Edit] button.
- Delete: Deletes the selected device search range. From the list, select the search settings to be deleted, and then click the [Delete] button.

The following dialog box appears.



- 3 Select the search method.
 - IPv4 broadcast: Select this method to send a broadcast in order to search for devices.
 - IPv4 unicast: Select this method to send an SNMP request to all addresses within the search range in order to search for devices.
 - IPv6 multicast: Select this method to send an SNMP request to all addresses belonging to the multicast group in order to search for devices.
- 4 Click the [OK] button.

The settings dialog box for the selected search method appears.

3.5.1 Description of the Device search settings dialog box (IPv4 broadcast)

Specify the settings used to search for devices by sending a broadcast.



Note

Be sure to enter settings for the items marked in the dialog box with an asterisk ().*

The screenshot shows a dialog box titled "Device search settings" with a close button (X) in the top right corner. The dialog is divided into three sections:

- IPv4 broadcast search settings**
 - IP address settings of search range**
 - IPAddress*: 192.168.1.200
 - Subnet mask*: 255.255.252.0
 - Port number*: 161 (1-65535)
- SNMP V1/V2 search settings**
 - Read Community Name: public
- SNMP V3 search settings**
 - Discovery User Name: public
 - Context name: (empty field)

At the bottom left, there is a "Help(F1)" link. At the bottom right, there are "OK" and "Cancel" buttons.

Element Name	Description
IP address setting of search range	Specify the address and port number to be used with the broadcast search. <ul style="list-style-type: none"> IP Address: Specify the IP address. Subnet mask: Specify the subnet mask. Port number: Specify the port number.
SNMP V1/V2 search settings	Specify the name of the read community to be used with SNMP V1/V2.
SNMP V3 search settings	Specify the discovery user name and context name to be used with SNMP V3.

3.5.2 Description of the Device search settings dialog box (IPv4 unicast)

Specify the settings used to search for devices by sending an SNMP request to all addresses within the search range.



Note

Be sure to enter settings for the items marked in the dialog box with an asterisk ().*

Device search settings

IPv4 unicast search settings

IP address settings of search range

Start address*: 192.168.1.100

Exit address*: 192.168.1 255

Port number*: 161 (1-65535)

SNMP V1/V2 search settings

Read Community Name: public

SNMP V3 search settings

Discovery User Name: public

Context name:

Help(F1) OK Cancel

Element Name	Description
IP address settings of search range	Specify the IP address range to be used with the unicast search. <ul style="list-style-type: none"> Start address: Specify the IP address at the beginning of the search. Exit address: Specify the IP address at the end of the search. Port number: Specify the port number.
SNMP V1/V2 search settings	Specify the name of the read community to be used with SNMP V1/V2.
SNMP V3 search settings	Specify the discovery user name and context name to be used with SNMP V3.

3.5.3 Description of the Device search settings dialog box (IPv6 multicast)

Specify the settings used to search for devices by sending an SNMP request to all addresses belonging to the multicast group.



Note

Be sure to enter settings for the items marked in the dialog box with an asterisk ().*

Device search settings

IPv6 multicast search settings

IP address settings of search range

IPv6 multicast address*:

Port number*: (1-65535)

SNMP V1/V2 search settings

Read Community Name:

SNMP V3 search settings

Discovery User Name:

Context Name:

[Help\(F1\)](#)

Element Name	Description
IP address settings of search range	Specify the address and port number to be used with the IPv6 multicast search. <ul style="list-style-type: none">• IPv6 multicast address: Specify the multicast address.• Port number: Specify the port number.
SNMP V1/V2 search settings	Specify the name of the read community to be used with SNMP V1/V2.
SNMP V3 search settings	Specify the discovery user name and context name to be used with SNMP V3.

3.6 Registering an active token certificate

Active token certificates can be registered with License Install Utility.

3.6.1 Registering a certificate

Token numbers and product names written on active token certificates are sent to the license management server to register the certificate.



Reminder

In order to register an active token certificate, a connection to the license management server (LMS) is required.



Note

A maximum of 100 active token certificates can be registered.

Registering a certificate

- 1 On the "Tool" menu, click "Register active token certificate".
 - The dialog box can also be displayed by clicking the [Register active token certificate] button in the main window.The Active token certificate registration dialog box appears.

Active token certificate registration

Input the active token certificate information

Token number:

Product name:

[Help\(F1\)](#)

- 2 Type in the certificate information.
 - Token number: Type in the token number written on the active token certificate.
 - Product name: Type in the product name written on the active token certificate.
 - If the token number or product name is incorrectly entered, the certificate cannot be registered.

- 3 Check the entered information, and then click the [OK] button.

A connection to the license management server is established, and the entered information is sent.

If the license information is successfully received by the license management server, the certificate is registered.

3.6.2 Deleting certificate information

The information for active token certificates registered with License Install Utility can be deleted.



Reminder

Even if the active token certificate information is deleted, the information registered with the license management server is not deleted.

Deleting certificate information

- 1 From the "Active token certificate list", select the certificate whose information is to be deleted.
- 2 On the "Tool" menu, click "Delete active token certificate".
 - The dialog box can also be displayed by clicking the [Delete active token certificate] button in the main window.A confirmation message appears.
- 3 Click the [Yes] button.
 - If there are issued licenses that are not registered with a device (Not-activate licenses), clicking the [Yes] button also deletes the information for those Not-activate licenses.The information for the selected certificate is deleted from License Install Utility.

If issued licenses remain on the certificate

When deleting certificate information, issued licenses that are not registered with a device (Not-activate licenses) are also deleted.

Even if certificate information is deleted from License Install Utility, the license information remains on the license management server.

Even after the certificate information is deleted, a Not-activate license can be registered with a device using the following methods.

Using a Not-activate license

- With the License Install Utility from where the certificate information was deleted, register the active token certificate again.
- With License Install Utility installed on another computer, register the active token certificate again.

3.7 License Management Settings

The licenses of registered active token certificates can be managed.

Licenses can be issued, then functions on a device can be enabled (function enabling) with a simple series of operations.

Depending on the device status and the network environment, it may be possible to only issue a license or only enable functions.

Operations that can be performed with "License Management Settings"

- "Issuing a license and enabling device functions" on page 3-22
- "Issuing licenses" on page 3-29
- "Enabling device functions" on page 3-30

3.7.1 Issuing a license and enabling device functions

The information for the registered active token certificate is sent to the license management server, and a license is issued.

After the license is issued, the license is registered with a device and the functions are enabled.

General operation

- Select the operation. ("Step 1: Selecting the operation" on page 3-23)
- Issue the license. ("Step 2: Issuing a license" on page 3-24)
- Enable the device functions. ("Step 3: Enabling device functions" on page 3-27)



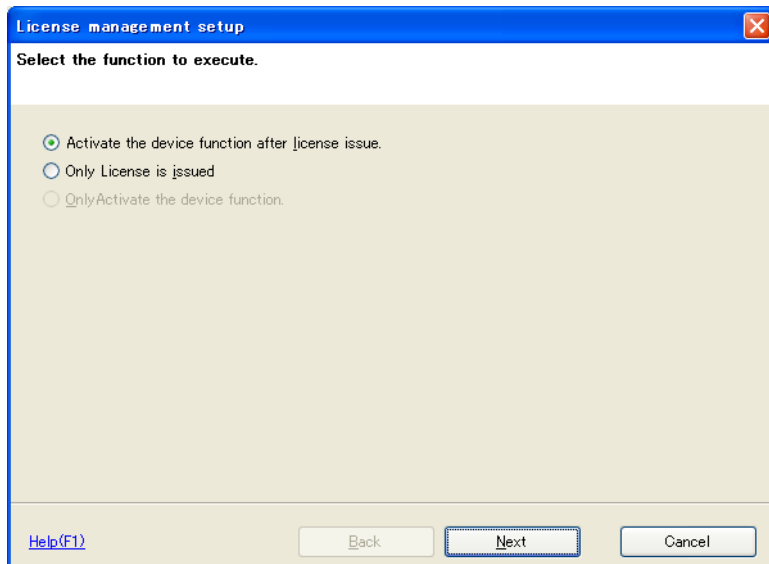
...

Reminder

In order to issue a license and enable device functions, a connection between the license management server and the device must be available within the network.

Step 1: Selecting the operation

- 1 From the "Active token certificate list", select the certificate whose license is to be issued.
- 2 On the "Tool" menu, click "License management settings".
 - The dialog box can also be displayed by clicking the [License management settings] button in the main window.A dialog box appears, allowing an operation to be selected.



- 3 Select the operation, and then click the [Next] button.
 - To enable the device functions after the license is issued, select "Activate the device function after license issue".
 - To only issue the license, select "Only License is issued".
 - To only enable the device functions, select "Only Activate the device function".Continue with the appropriate step.

Step 2: Issuing a license

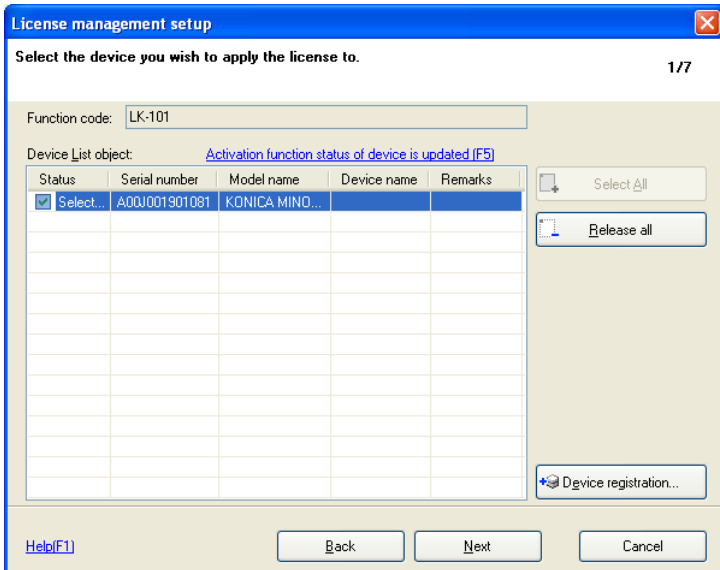
- 1 After performing the last step in "Step 1: Selecting the operation" on page 3-23, click the [Next] button.

A confirmation message appears.

- 2 Click the [Yes] button.

- It may be necessary to type in the administrator password for the device.

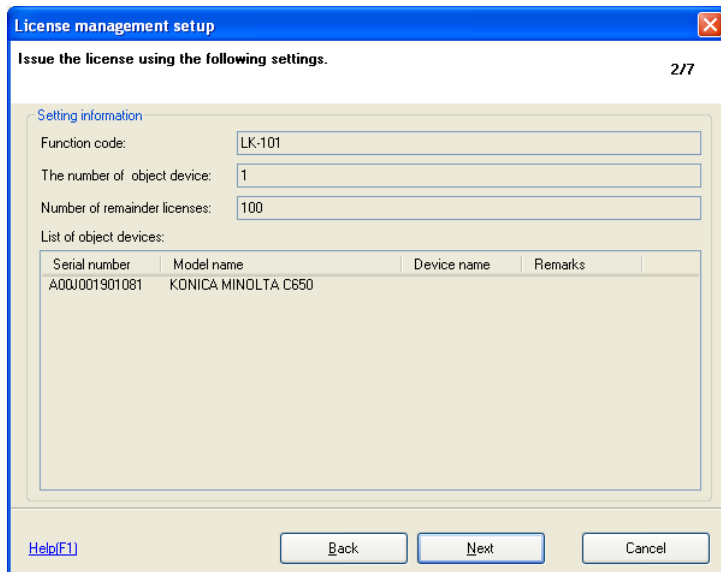
The following dialog box appears.



- 3 Below "Status", select the check box for the device to be issued the license.
 - Select All: Click this button to select all device check boxes below "Status". However, this button may not be available if the number of available devices is higher than the number of licenses that remain.
 - Release all: Select this button to clear all device check boxes below "Status".
 - Device registration: Displays the Device registration dialog box.
 - The number of selected devices cannot exceed the number of licenses that remain.

4 Click the [Next] button.

The following confirmation dialog box appears.



The dialog box is titled "License management setup" and contains the following information:

Issue the license using the following settings. 2/7

Setting information

Function code: LK-101

The number of object device: 1

Number of remainder licenses: 100

List of object devices:

Serial number	Model name	Device name	Remarks
A00J001901081	KONICA MINOLTA C650		

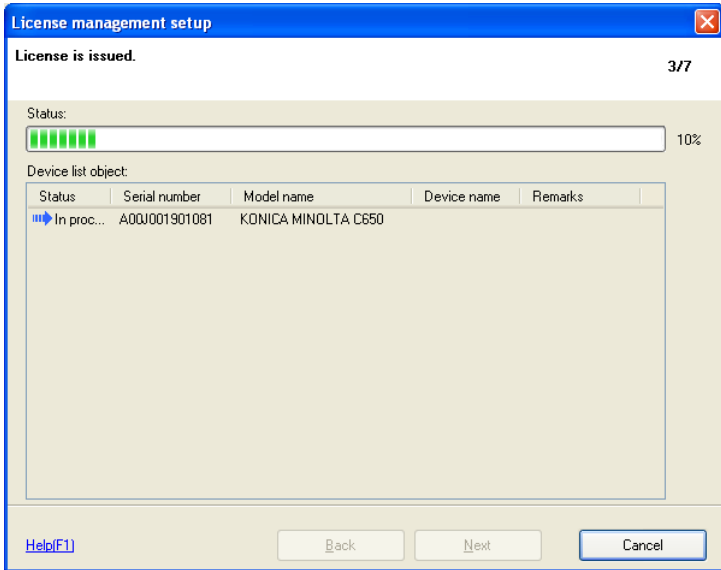
Buttons: [Help\(F1\)](#), , ,

5 Check the settings.

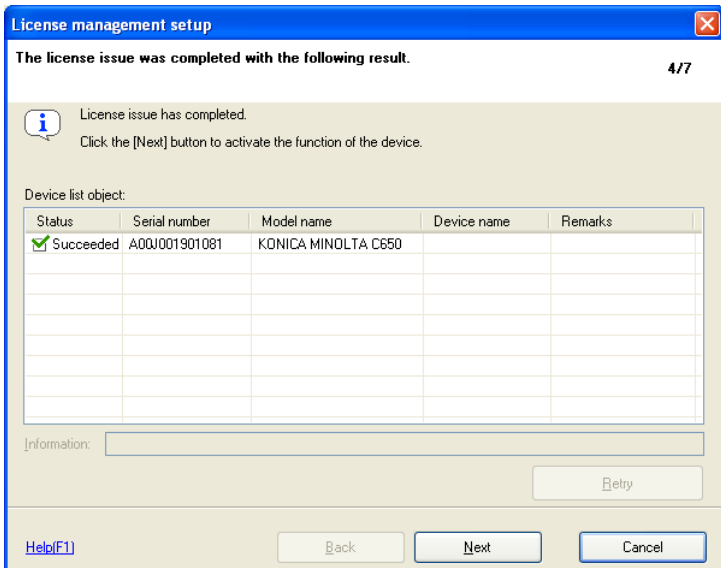
- Function code: Shows the function code.
- The number of object device: Shows the number of devices selected to be issued a license.
- Number of remainder licenses: Shows the number of licenses that remain.
- List of object devices: Shows the information for the devices selected to be issued a license.

6 Click the [Next] button.

The licenses are issued, and the following dialog box appears.



If a license was issued to all devices, the following confirmation dialog box appears.



Step 3: Enabling device functions

- 1 After performing the last step in "Step 2: Issuing a license" on page 3-24, click the [Next] button.
 - To only issue a license, select "Only Activate the device function" in the dialog box where an operation can be selected ("Step 1: Selecting the operation" on page 3-23), and then click the [Next] button.

A dialog box for enabling functions appears.

License management setup

Activate the function of the device by the following settings. 5/7

Setting information

Function code: LK-101

The number of device object: 1

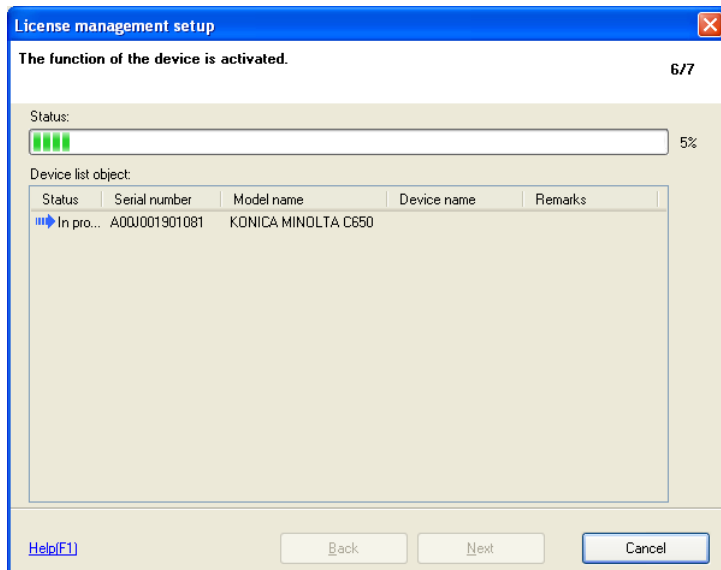
Device list object:

Serial number	Model name	Device name	Remarks
A00J001901081	KONICA MINOLTA C650		

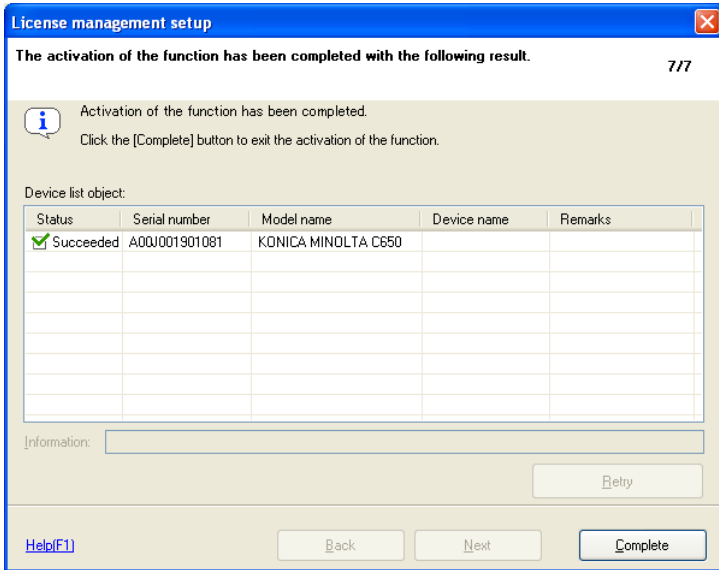
Help(F1) Back Next Cancel

- 2 Check the settings.
 - Function code: Shows the function code.
 - The number of device object: Shows the number of devices selected for enabling functions.
 - Device list object: Shows the information for the devices selected for enabling functions.

- 3 Click the [Next] button.
 - It may be necessary to type in the administrator password for the device.
The device functions are enabled, and then the following dialog box appears.



If the functions on all devices were enabled, the following confirmation dialog box appears



- 4 Click the [Complete] button.
 - After the device functions are enabled, the device restarts automatically.

3.7.2 Issuing licenses

The information of the registered active token certificate is sent to the license management server so the license can be issued.

This operation is used when a connection from the network that includes the device cannot be established with the license management server.

First, issue the license in an environment where a connection can be established with the license management server. Then, enable the functions (page 3-30) in an environment where a connection can be established with the device.

General operation

- Select the operation. ("Step 1: Selecting the operation" on page 3-23)
- Issue the license. ("Step 2: Issuing a license" on page 3-24)

**Reminder**

Issue the license and enable the device functions from the same computer where License Install Utility is installed.

**Detail**

For detailed operations, refer to each step in "Issuing a license and enabling device functions" on page 3-22.

**Note**

When a license is issued, the license information retrieved from the license management server is temporarily saved on the computer. The location where the license information is temporarily saved can be changed. For details, refer to "Specifying the location for temporarily saving license information" on page 4-1.

3.7.3 Enabling device functions

An issued license is registered with a device in order to enable the device functions.

This operation is used when a connection from the network that includes the device cannot be established with the license management server.

First, issue the license in an environment where a connection to the license management server can be established.

General operation

- Select the operation. ("Step 1: Selecting the operation" on page 3-23)
- Enable the device functions. ("Step 3: Enabling device functions" on page 3-27)

**Reminder**

Issue the license and enable the device functions from the same computer where License Install Utility is installed.

**Detail**

For detailed operations, refer to each step in "Issuing a license and enabling device functions" on page 3-22.

3.8 Displaying the license code

3.8.1 Displaying license codes

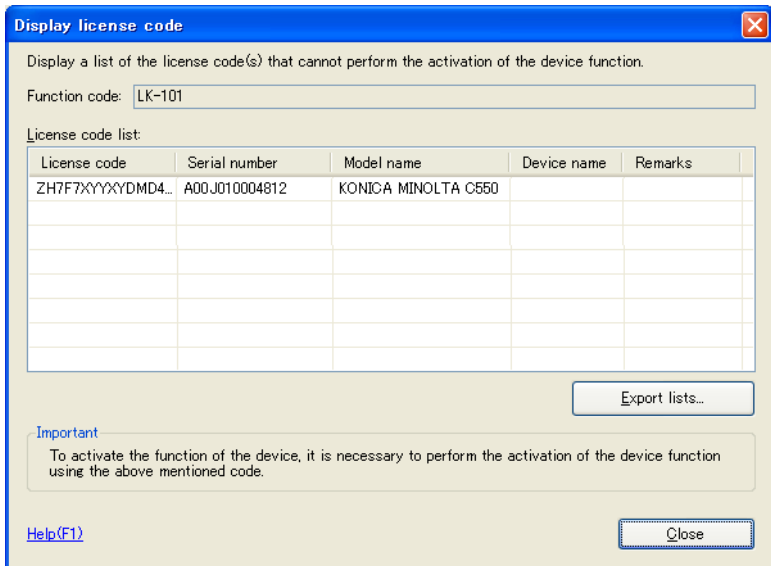
A list can be displayed of the devices whose functions are not enabled with an issued license.

Displaying license codes

- On the "Tools" menu, click "Display license code".
 - The dialog box can also be displayed by clicking the [Display license code] button in the main window.

The Display license code dialog box appears.

Description of the Display license code dialog box



Element Name	Description
Function code	Shows the function code.
License code list	Shows the information for license codes that have not been used to enable device functions.
Export lists	Saves the information in the license code list as a text file. (p. 3-32)

3.8.2 Export Lists

The license code information displayed in the Display license code dialog box can be saved as a text file.

**Note**

The text file is saved as Unicode.

- 1** In the Display license code dialog box, click the [Export lists] button.
A dialog box appears, allowing the location for saving the file to be specified.
- 2** Specify the location for saving the file and the file name, and then click the [Save] button.
The information in the license code list is saved as a file.

4 Appendix

Settings for License Install Utility can be specified.

4.1 Specifying the location for temporarily saving license information

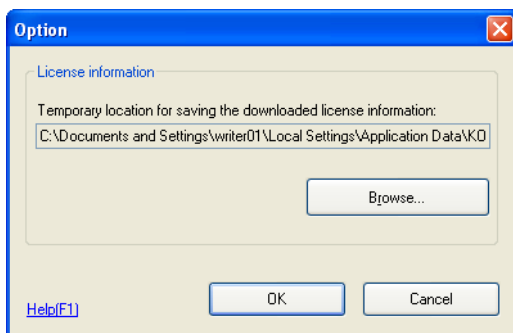
When a license is issued, the license information retrieved from the license management server is temporarily saved on the computer.

The location where the license information is temporarily saved can be changed in the Option dialog box.

Displaying the Option dialog box

- 1 On the "Settings" menu, click "Option".

The Option dialog box appears.



- 2 Click the [Browse] button.

A dialog box appears, allowing the folder for saving the file to be specified.

- 3 Select the folder to be specified as the location for saving the file, and then click the [OK] button.

The path to the specified folder appears in the "Temporary location for saving the downloaded license information" box.

- 4 Click the [OK] button.

The Option dialog box is closed.



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