

Read Me First

LL50A
Parameter Setting Software
with Ladder Program Building Function and Network Profile Creating Function
Installation Manual

UTAdvanced

IM 05P05A01-01EN

YOKOGAWA
Yokogawa Electric Corporation

9th Edition: Mar. 2018

This manual describes the installation/uninstallation of LL50A.

Product Registration

Thank you for purchasing YOKOGAWA products. YOKOGAWA provides registered users with a variety of information and services. Please allow us to serve you best by completing the product registration form accessible from our homepage.
<http://www.yokogawa.com/ns/reg/>

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Introduction

Thank you for purchasing the UTAdvanced Series Digital Indicating Controller and LL50A Parameter Setting Software. This manual describes the installation/uninstallation of LL50A. Please read though this user's manual carefully before using the product. For the function and operating method of LL50A Parameter Setting Software, see "LL50A Parameter Setting Software User's Manual." For details of each function, refer to the electronic manual. User's manuals can be downloaded or viewed at the following URL.

<http://www.yokogawa.com/ns/ut/im/>

■ Checking the Contents of the Package

Before using the product, refer to the table of Model and Suffix Codes to make sure that the delivered product is consistent with the model and suffix codes you ordered.
Model and Suffix Code

Model	Suffix code	Description
LL50A		Parameter Setting Software (with Ladder Program Building Function and Profile Creating Function)
	-00	Always "-00"

Also make sure that the following items are included in the package.
Dedicated cable (Parts No.: A1059UR) and dedicated adapter (Parts No.: L3502LP) ... x1
LL50A Installation Manual (this document) x1 (A3 size)

■ Checking the Contents of the Package

Download the latest version of the LL50A and USB driver software from the following URL;

<http://www.yokogawa.com/ns/ll50a/download/>

1. Safety Precautions



The following symbol is used on the instrument. It indicates the possibility of injury to the user or damage to the instrument, and signifies that the user must refer to the user's manual for special instructions. The same symbol is used in the user's manual on pages that the user needs to refer to, together with the term "WARNING" or "CAUTION."



CAUTION Calls attention to actions or conditions that could cause injury to the user or damage to the instrument or property and indicates precautions that should be taken to prevent such occurrences.

Note

Identifies important information required to operate the instrument.

2. Operating Environment

PC

Applicable OS: Windows 7 Professional (32-bit/64-bit versions)
Windows 8.1 Pro Update (32-bit and 64-bit versions) (Desktop type)
Windows 10 Pro (32-bit and 64-bit versions)
Windows 7/8.1/10 supports a Japanese edition and English version.

Recommended CPUs: Pentium 4 Processor 3.0 GHz or higher
Pentium D Processor 2.6 GHz or higher
Pentium Core 2 Duo Processor 1.8 GHz or higher
Pentium Dual-Core Processor 1.6 GHz or higher

Recommended Main Memory: 2 GB or more

Hard disk space:

Program storage capacity: 100 MB or more
.NET Framework 4.0 storage capacity: 620 MB or more

Display: 1024 x 768 pixels or more
Color: 256 or more colors

Communication port: For communication with a dedicated cable, use the USB port/one channel.
For communication via an RS-485 communication terminal, use an RS-232C port (An RS-232C/RS-485 converter is required; Model ML2 is recommended)

For Ethernet communication, use 10BASE-T/100BASE-TX.

Printer: Paper size; Letter or A4 (required for printing)

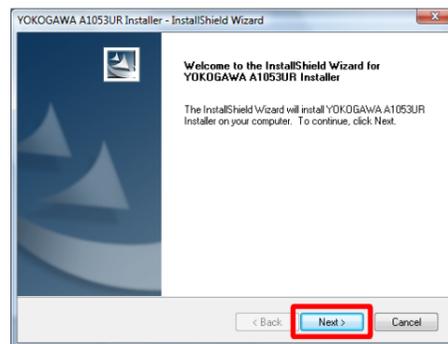
3. Installing USB Converter Driver Software



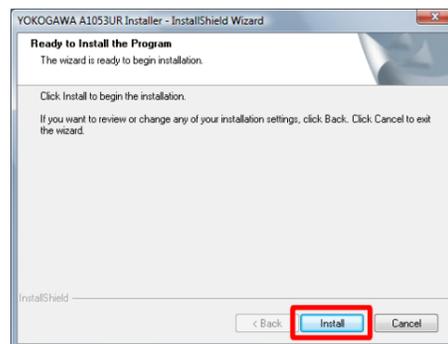
CAUTION

- Install USB converter driver software as an administrator.
- Avoid entering just the drive as the installation location, such as C:\. Enter the full directory path.
- Before installing USB converter driver software, quit all running applications.
- When reinstalling USB converter driver software, uninstall the installed USB converter driver software first, and then reinstall USB converter driver software.

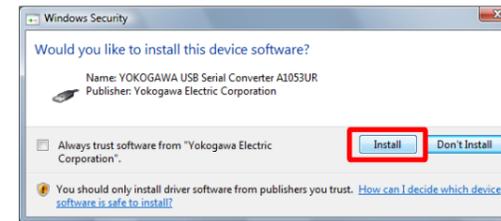
1. Start Windows.
2. Double-click the downloaded zip file to extract the files.
3. In the extracted folder, right-click the downloaded file, and click Run as administrator Double-click setup.exe.
4. The User Account Control screen appears. Click **Continue**.
5. InstallShield Wizard screen appears. Click **Next**.



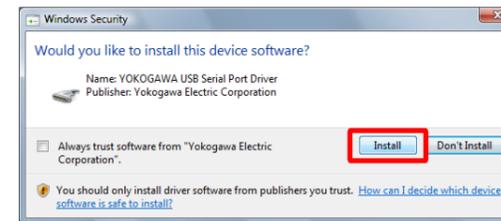
6. Click **Install**.



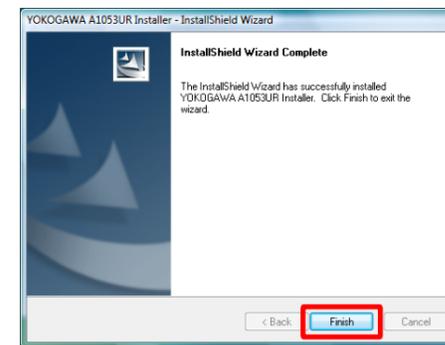
7. The Windows Security screen appears. Click **Install**. (USB device driver)



8. The Windows Security screen appears. Click **Install**. (COM port driver)



9. When installation is complete, the Finish dialog box appears. Click **Finish**.

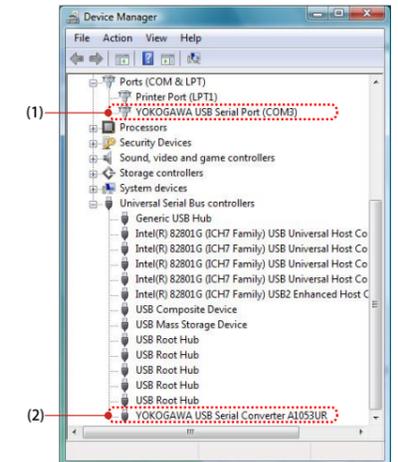


The dialog box closes. You have completed installing the driver software.

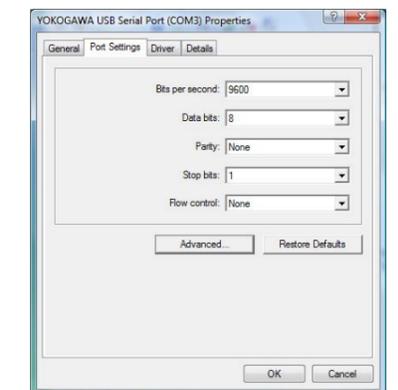
When you connect the dedicated cable to a USB port on your computer, the driver becomes available automatically.

■ Verifying Installation

1. From the **Start** menu of Windows, select **Control Panel > Device manager**.
2. Verify that the virtual COM port driver (1) "YOKOGAWA USB Serial Port (COMn)" is displayed under "Ports (COM & LPT)" as COM port and the USB device driver (2) "YOKOGAWA USB Serial Converter A1053UR" is displayed under "Universal Serial Bus controllers."



3. The COM port number assigned to the dedicated cable can be verified by the port number displayed in (1) "YOKOGAWA USB Serial Port (COMn)" of Device Manager (see the step 3). To change the COM port number, double-click (1), select Port Settings tab of Properties screen and click **Advanced**. Change the COM port number in the Advanced Settings for COMn screen.



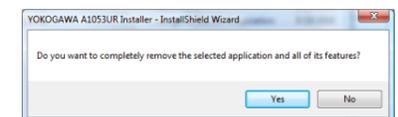
■ Uninstalling USB Converter Driver Software



CAUTION

Unplug the dedicated cable if it is connected to a personal computer.

1. Unplug the dedicated cable if it is connected to a personal computer.
2. From the **Start** menu of Windows, select **Control Panel > Programs and Features**.
3. Select **YOKOGAWA A1053UR Installer** and click **Uninstall**.
4. The **User Account Control** screen appears. Click **Continue**.
5. The **Confirm Uninstall** screen appears. Click **Yes**.



6. The **Uninstall Complete** screen appears. Click **Finish**.

You have completed uninstalling the driver software.

4. Installing LL50A Parameter Setting Software



CAUTION

- Install the software as an administrator.
- Do not set LL50A user file save directory in Program Files folder. The LL50A will not work properly.
- Before installing LL50A Setting Software, quit all running applications.
- Avoid entering just the drive as the installation location, such as C:\. Enter the full directory path.
- When .NET Framework 4.0 is not installed on personal computer, .NET Framework 4.0 is installed to start LL50A.
- When reinstalling LL50A, uninstall the installed LL50A first, and then reinstall LL50A.

■ Installing LL50A Parameter Setting Software

1. Start Windows.
2. Double-click the downloaded zip file to extract the files.
3. In the extracted folder, right-click the downloaded file, and click Run as administrator. Double-click setup.exe.
4. When .NET Framework 4.0 is not installed on a personal computer, the license agreement for installing it appears. Click **Accept**.
5. The message "Copying required files" appears. And then the message "Installing .NET Framework 4.0" appears.
6. The User Account Control screen appears. Click Continue.
7. The message "Please wait while Setup configures the components." appears.
8. The message "Setup must reboot before proceeding." may appear. Click **Yes**.
9. Personal computer reboots. The LL50A Setup Wizard appears. Click **Next**.



10. The License Agreement for Package Software Product appears. Read this license agreement carefully. If you agree, select **I Agree**. Click **Next**.



Note: If **I Do Not Agree** is selected, you cannot install the LL50A. Click **Cancel**.

11. The Select Installation Folder screen appears. Select **Everyone** or **Just me**. Click **Next**.

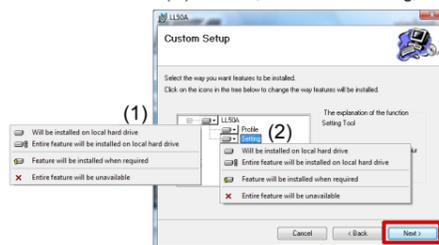
Note

When you install the LL50A after "Everyone" is selected, even if other users log in, it is possible to start LL50A from the **Start menu > Programs menu**.
When you install the LL50A after "Just me" is selected, even if other users log in, LL50A is not displayed in the **Programs**.

12. The Setup Type screen appears. Select **Complete** and click **Next**. (We recommend choosing **Complete**.)



Note1: If you chose **Complete**, go to the procedure 13.
Note2: If you chose **Custom**, continue the procedure as follows:
Choose each installation method (*1) of **LL50A**, or **Profile** and **Setting**, then click **Next**.



- *1: **Profile** is to install Network Profile Tool.
Setting is to install Parameter Setting Tool.
(1) On the **LL50A**, select **Entire feature will be installed on local hard drive**.
(2) On the **Profile** and **Setting**, select either **Will be installed on local hard drive**, or **Entire feature will be unavailable**.

13. The Confirm Installation screen appears. Click **Next**.
14. The message "Installing LL50A" appears. The User Account Control screen appears. Click **Allow**.
15. Installation begins. When installation is completed, a confirmation message appears. Click **Close**.

The following icons are appeared on the desktop.



You have completed installing the LL50A parameter setting software.

■ Verifying Installation of LL50A Parameter Setting Software

From the **Start menu** of Windows, point to **All Programs**, then **UTAdvanced** and verify that the **Setting Tool** and the **Network Profile Tool** is registered.

■ Uninstalling LL50A Parameter Setting Software

From the **Start menu** of Windows, select **Control Panel > Programs and Features** (*1) > **LL50A** and uninstall it.
The User Account Control screen appears. Click **Allow**. The LL50A is uninstalled.

*1: From the **Start menu** of Windows, select **Control Panel > Uninstall a program** if the control panel's display method is "Control Panel Home."

Authorised Representative in the EEA

Yokogawa Europe BV. (Address: Euroweg 2 , 3825 HD Amersfoort, The Netherlands) is the Authorised Representative of Yokogawa Electric Corporation for this Product in the EEA.

Printed Manual

LL50A Parameter Setting Software with Ladder Program Building Function and Network Profile Creating Function Installation Manual (IM 05P05A01-01EN)

Electronic Manual

You can download the latest manuals from the following website:
URL: <http://www.yokogawa.com/ns/ut/im/>
LL50A Parameter Setting Software with Ladder Program Building Function and Network Profile Creating Function (IM 05P05A01-02EN)

General Specifications

LL50A Parameter Setting Software with Ladder Program Building Function and Network Profile Creating Function (GS 05P05A01-01EN)

* The last two characters of the manual number and general specification number indicate the language in which the manual is written.

Waste Electrical and Electronic Equipment (WEEE), Directive

This is an explanation of how to dispose of this product based on Waste Electrical and Electronic Equipment (WEEE), Directive. This directive is only valid in the EU.

Marking

This product complies with the WEEE Directive marking requirement. This marking indicates that you must not discard this electrical/electronic product in domestic household waste.



Product Category

With reference to the equipment types in the WEEE directive, this product is classified as a "Small equipment" product.
Do not dispose in domestic household waste.
When disposing products in the EU, contact your local Yokogawa Europe B.V. office.

YOKOGAWA ◆

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