

EPSON OPOS ADK

Installation Guide

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Notes

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Chapter 1 Introduction

The following hardware and software configuration is required when installing EPSON OPOS ADK.

- Computer
IBM PC/AT compatible
Please follow the specifications recommended by your OS for system requirements (CPU, RAM, etc.).
- Supported Operating systems.
See Release Notes.

Chapter 2 Caution

1. In case it is already installed OPOS 2.80 or previous version, uninstall it first before installing OPOS 3.00 or later.
2. Please connect a printer after installing OPOS driver.
3. Epson OPOS ADK offers sample programs categorized by device type. These sample programs are intended for those using Epson OPOS ADK for the first time. In the Visual Basic version, project files are prepared for each step according to the function. Additionally, these sample programs implement the recommended usage methods of the OPOS API and various error handling procedures.

For more details, please check the contents of **[Sample.zip]**, which is located in the same directory as “**EPSON_OPOS_ADK_V3.00ER[xx].exe**”.

4. Epson OPOS ADK provides various manuals, including an application development guide. These manuals contain specific settings and detailed functions for each model. Please use them when developing applications.

For more details, please check the contents of **[Documentation.zip]**, which is located in the same directory as “**EPSON_OPOS_ADK_V3.00ER[xx].exe**”.

Chapter 3 About the installer bundled file

3.1 About Samples.zip

This zip file contains sample programs for each device category supported by EPSON OPOS ADK.

These sample programs are designed for users who are new to EPSON OPOS ADK and are available in two versions: "Visual Basic" and "Visual C++".

The sample programs were created using Visual Studio 2019

[Note:]

All sample programs use the logical device name "Unit1" when executing the Open method.

Before running the sample programs, please register the appropriate device with the logical device name "Unit1" using SetupPOS.

For details about each sample program, please refer to "index.htm" after extracting "Samples.zip".

Visual Basic:

Sample programs are provided step by step, allowing you to learn the basic functions in order.

For the Visual Basic version, we recommend using the HTML file. To do so, launch "~\Sample\VB\index.htm" after extracting the "Samples.zip" file."

Visual C++:

Sample programs in categories other than POSPrinter and LineDisplay are created with the same specifications as the Visual Basic version with the highest Step.

Header file

The header files required for the sample programs to run are stored in the "Include" folder within "Samples.zip".

The sample programs are designed to reference this folder. When copying the sample program folder, please also copy this folder.

Header files starting with "EPSN~" contain definitions for DirectIO parameters, an Epson-specific function, and ResultCodeExtended definitions.

For details, please refer to the "Application Development Guide".

3.2 About Documentation.zip

This zip file contains manuals for specific device models supported by EPSON OPOS ADK, as well as category-specific functionality descriptions.

Open "index.htm" in the extracted folder and check the manual for the device and category you are using.

3.3 About TMFLogo.zip

This zip file contains the "TMFLogo" utility, which is included in EPSON OPOS ADK for devices that lack individual utilities.

The utility allows you to write logo data to the non-volatile memory (NVRAM) NV bit image area and perform test printing and display for those specific models.

After extracting the folder, run the "installTMFLogo.bat" file with administrator privileges. This will copy files to the following directories:

32-bit OS: "C:\Program Files\OPOS\Epson3"

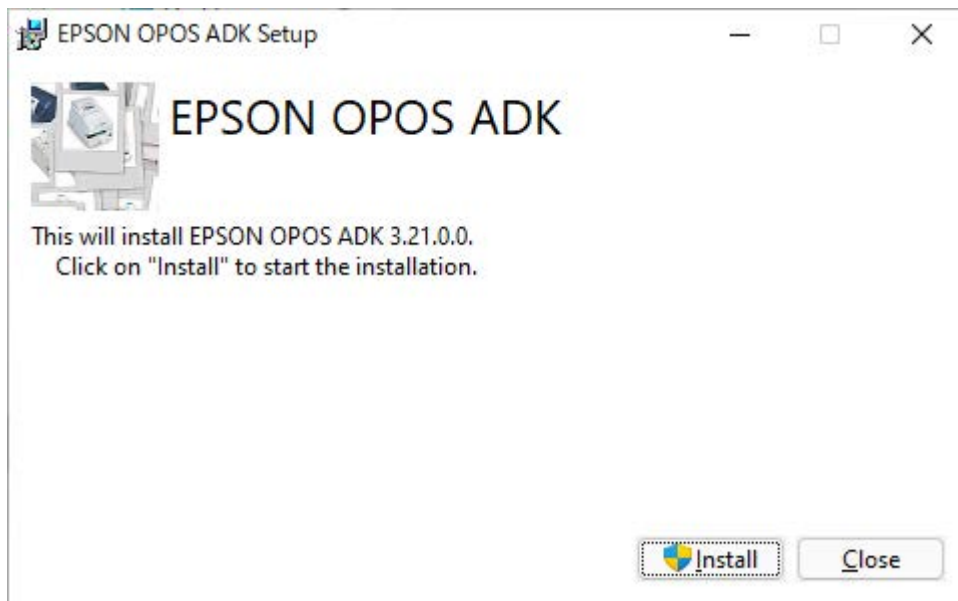
64-bit OS: "C:\Program Files (x86)\OPOS\Epson3"

By executing "TMFLogo.exe" in the above folder, you can perform various operations. Alternatively, you can launch "SetupPOS" from the Start menu and execute [Device-Specific Settings] – [Bitmap] – [TMFLogo...] for registered or newly registered devices.

Chapter 4 Installation

4.1 Setup setting

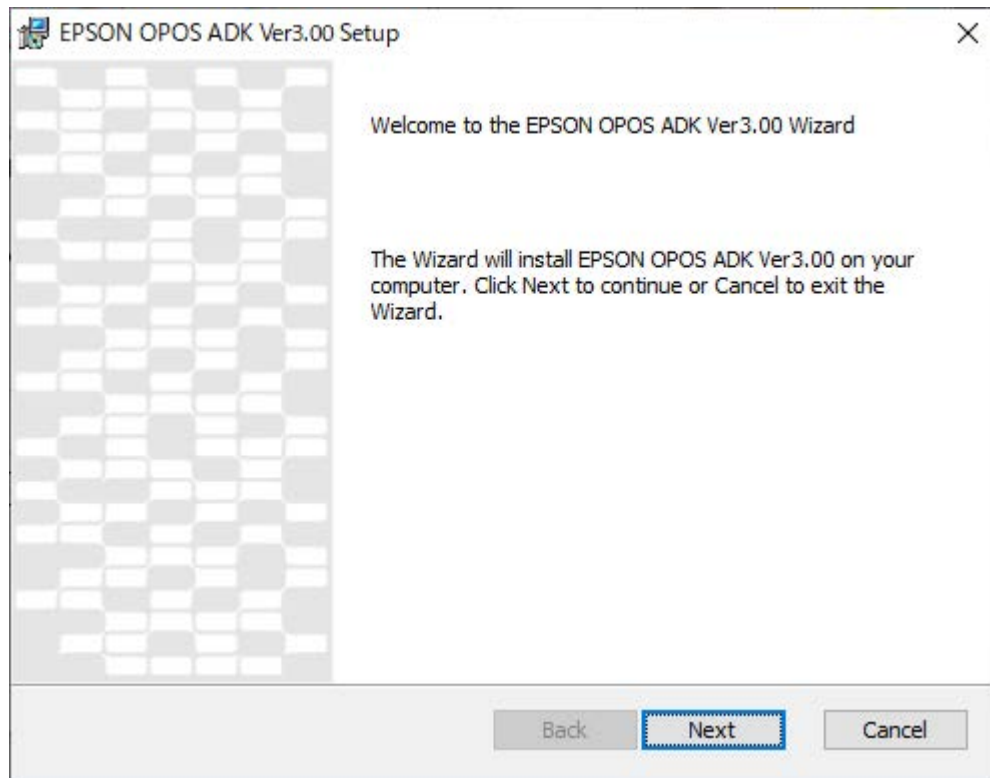
Select the "Install" button and proceed with the installation with administrator privileges.



4.2 Introduction

Following window screen is Setup Wizard of OPOS ADK.

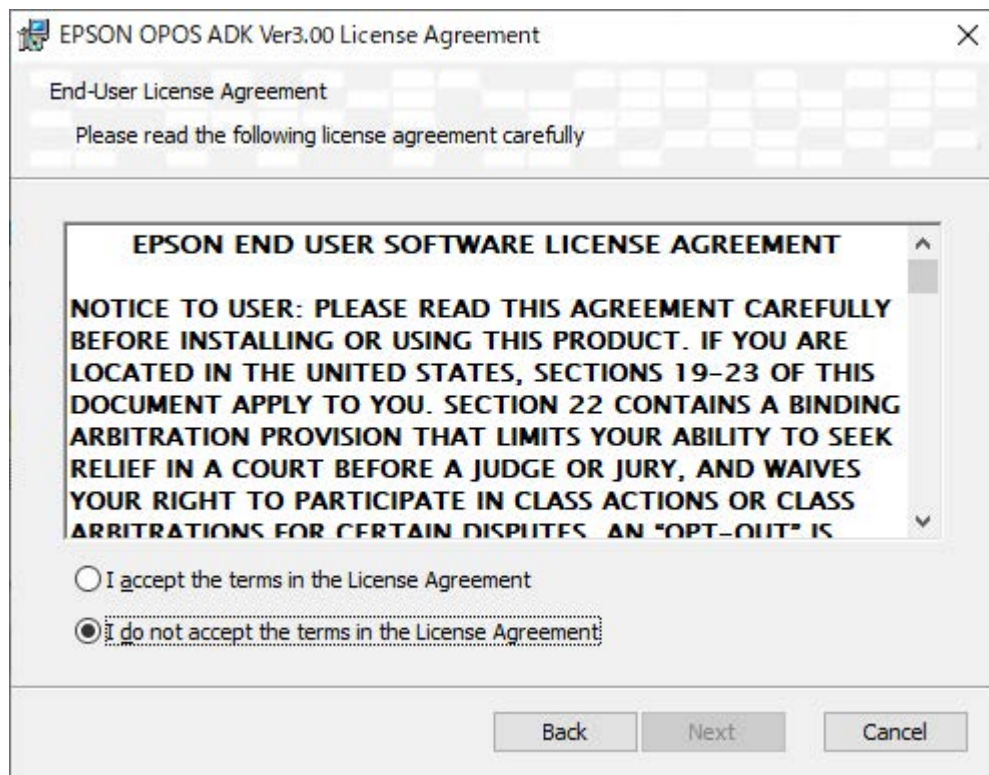
Click “Next” to continue installing the software.



4.3 License Agreement

The user must agree to the License Agreement to continue with the installation. After reading the entire agreement, select “I accept the terms of the License Agreement” and then click “Next”.

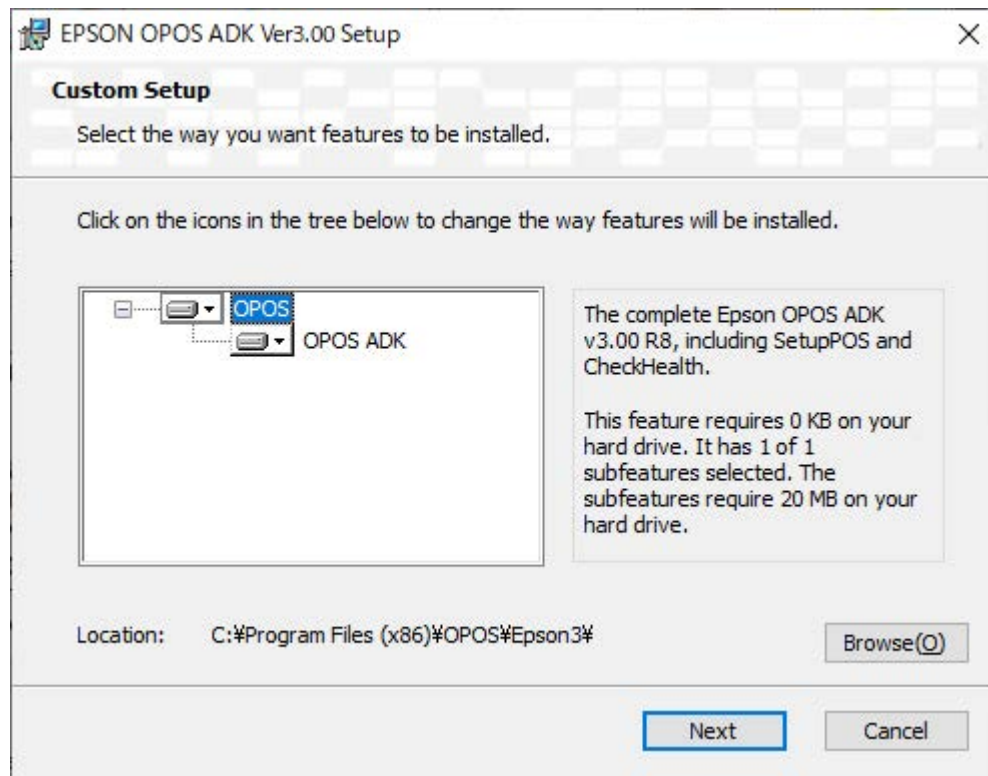
If “I accept the terms of the License Agreement” is not selected, “Next” is not enabled.



4.4 Selecting Components to Install

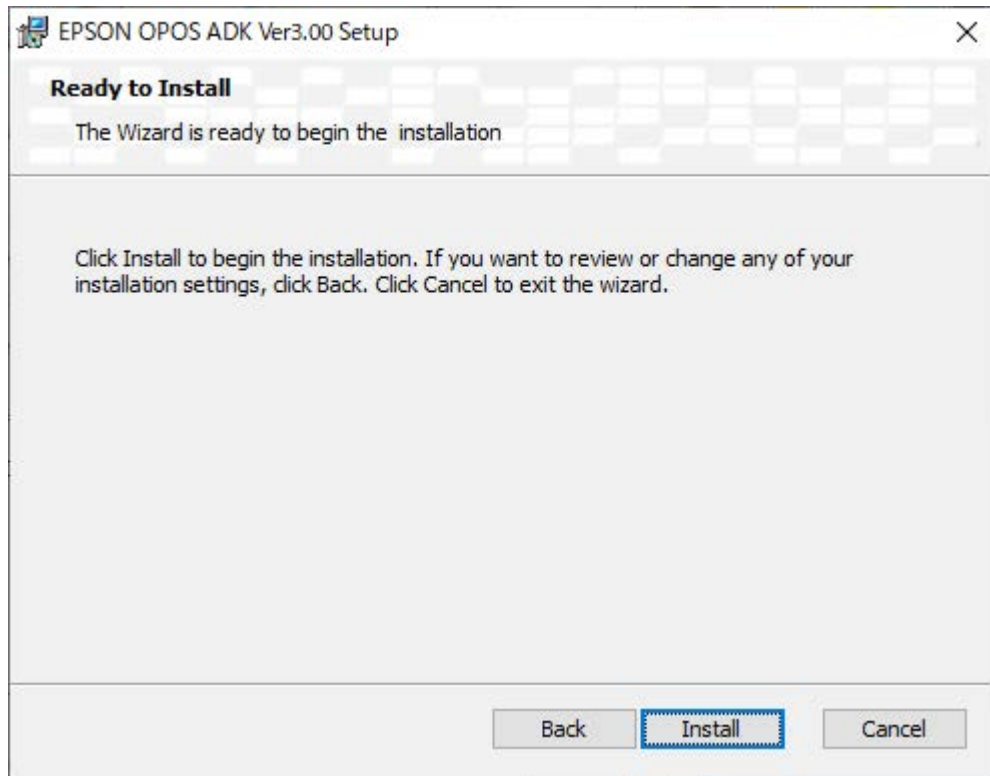
Select the components to install and click “Next”.

Choose “OPOS ADK” at least.



4.5 Pre-Installation Summary

The following window screen is the confirmation message before installation. If the settings are correct, click “Install”.



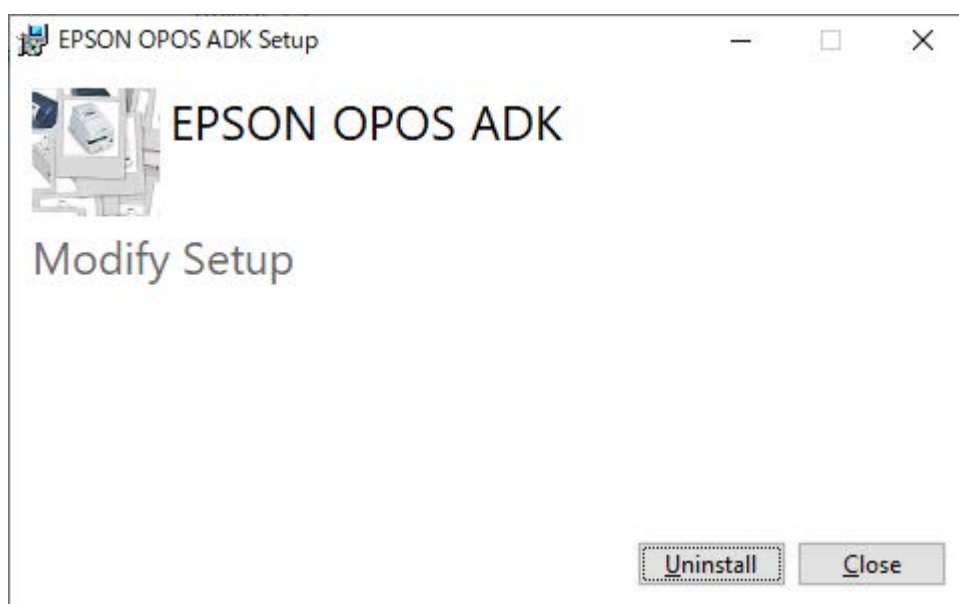
Chapter 5 Uninstalling

5.1 Changing Installed Items and Starting Uninstall

Double-click the Add or Remove Programs icon in Control Panel and click Change or Remove for EPSON OPOS ADK 3.00 or later.

5.2 Confirm uninstallation

Click "Uninstall" to start uninstalling.



5.3 Delete Electronic Journal data files

The uninstaller does not remove data files created for the Electronic Journal. If these files have been created, they must be deleted manually.

Chapter 6 Silent Installation/Uninstallation

6.1 Running Installation

Using the command prompt, append option to the installer file and run it.

Example:

```
EPSON_OPOS_V3.00ER8.exe /q InstallDirx86="C:\Program Files (x86)\OPOS\EPSON3"
```

6.2 Running Uninstallation

Using the command prompt, append option to the uninstaller file and run it.

Example:

```
EPSON_OPOS_V3.00ER8.exe /uninstall /quiet
```

Chapter 7 Copy Installation

EPSON OPOS ADK supports a copy installation function that deploys a same environment created on one PC to another PC.

Hereinafter, the source PC is referred as the "main PC" and the destination PC is referred as the "target PC".

7.1 Collect Main PC Setting Information

- ① After installing EPSON OPOS ADK on the main PC, use the SetupPOS utility to configure various information and devices.
- ② Start a command prompt with Administrator privileges and move to the "EPSON OPOS ADK" installation directory.
- ③ Execute the information acquisition batch file(CollectCopyInstallModules.bat).
This batch file in the same directory where "EPSON OPOS ADK" is installed.
Ex) "C:\Program Files\EPOS\Epson3\CollectCopyInstallModules.bat"
When executed batch file , the [EpsonCopyInstallModules] folder is created in the same hierarchy, and the following information is stored.
 - Registry information registered with the SetupPOS utility (OPOS.reg)
 - Port information file (pcs.properties)
- ④ Move the files created in ③ to the target PC.

7.2 Register Setting Information on Target PC

- ① Install EPSON OPOS ADK on the target PC.
- ② Perform the following operations on the acquired file.
 - Move the port configuration file (pcs.properties) to
<(system drive): \ProgramData \ EPSON \ portcommunicationservice>.
 - Start a command prompt with Administrator privileges and execute the registry information file(OPOS.reg)
 - After confirming the contents of the displayed dialog, select "Yes".
- ③ Connect the equipment after turned it on the power, start the SetupPOS utility, and confirm that the setting information set on the main PC is registered correctly.

7.3 Restrictions on Copy installation

- Supports copy installation only if the EPSON OPOS ADK versions on the “main PC” and the “target PC” are the same.

	“Main PC”	“Target PC”	Result
Example:1	Version 2.80 ER12	Version 3.00 ER8	Not Support
Example:2	Version 3.00 ER7	Version 3.00 ER8	Not Support
Example:3	Version 3.00 ER8	Version 3.00 JR8	Not Support
Example:4	Version 3.00 JR8	Version 3.00 ER8	Not Support
Example:5	Version 3.00 ER8	Version 3.00 ER8	Support

- The copy installation function cannot be used if there are the following differences in the environment.
 - When the main PC and the target PC have different system drives
(ex: Main PC is C drive, target PC is D drive)
 - When the physical port configuration is different
(ex: Main PC has COM1 and COM2, target PC has only COM1)
 - When the OS is different
(ex: Main PC is 32bit OS, target PC is 64bit OS)
- Before executing the copy installation function, close all applications that use EPSON OPOS ADK.
- Do not connect an EPSON device to your PC when performing the procedures for acquiring and reflecting copy installation information.