

This SDK is an efficient tool for developing various types of NFC/FeliCa™ application software. Also available is a free-of charge Starter Kit for evaluation purposes.

Supporting  
Windows 10

Supporting  
thin client environments

# ICS-D004

SDK for NFC Lite

## FEATURES

Suitable for business applications, such as those using employee/student ID cards.

- Suitable for applications using a USB NFC (FeliCa) reader\*<sup>1</sup> or an NFC (FeliCa)-embedded laptop/tablet computer.
- Supplied with a PC/SC interface or a FeliCa library to access FeliCa cards and ISO/IEC 14443 Type A / Type B cards.\*<sup>2</sup>
- A single reader can accommodate multiple applications.
- Supporting thin client environments, such as Citrix and VMware.

\*<sup>1</sup> Reader is sold separately.

\*<sup>2</sup> Cannot access service area with keys in the card.

## Products

	Product name / Model name	Content
Basic products* <sup>1</sup>	SDK for NFC Lite ICS-D004	FeliCa Library (without security logic) PC/SC Sample (source code) FeliCa Tutorial (source code) User's Manual NFC Port Software Installer (driver for distribution)
For evaluation (free of charge)	SDK for NFC Starter Kit ICS-D010	—
Options	Sample FeliCa cards (formatted as samples) ICS-E006/05 ICS-E007/05 ICS-E006/10 ICS-E007/10 ICS-E008/10	RC-S888 (5 cards) RC-S889 (5 cards) RC-S888 (10 cards) RC-S889 (10 cards) RC-S100 (10 cards)
Annual support* <sup>2</sup>	ICS-M004	Q&A via e-mail* <sup>3</sup> Support site browsing* <sup>3</sup> Version upgrade* <sup>4</sup>

\*<sup>1</sup> One developer license grants one developer the right to use our software tool.

\*<sup>2</sup> For SDK for NFC Lite ICS-D004. The annual support requires consecutive contracted periods.

\*<sup>3</sup> The annual support contract includes service support for one year via e-mail. Generally, questions are limited to the usage of SDK for NFC Lite.

\*<sup>4</sup> Sony may distribute a complimentary upgrade of the software version during the support periods.

## PRODUCT SPECIFICATIONS

	Function	Supporting Reader / Writer*1	External interface
SDK for NFC Lite ICS-D004	FeliCa Standard Read/Write without encryption FeliCa Lite-S Read/Write (Formatting can be implemented) ISO/IEC 14443 Type A / Type B access	RC-S380/S RC-S632/U RC-S634/U	USB

\*1 For details, see supporting hardware of SDK for NFC User's Manual or Release Note.

## SYSTEM REQUIREMENTS

For the latest information about operating systems and thin client environments, see "Products" on the FeliCa website: [sony.net/felica/](http://sony.net/felica/)

Operating system (OS)	Windows® 10 Home 32 bit (x86) / 64 bit (x64) Windows® 10 Pro 32 bit (x86) / 64 bit (x64) Windows® 10 Enterprise 32 bit (x86) / 64 bit (x64) Windows® 10 Education 32 bit (x86) / 64 bit (x64) Windows® 8.1 32 bit (x86) / 64 bit (x64) Windows® 8.1 Pro 32 bit (x86) / 64 bit (x64) Windows® 8.1 Enterprise 32 bit (x86) / 64 bit (x64) Windows® 7 Starter SP1 32 bit (x86) Windows® 7 Home Basic SP1 32 bit (x86) / 64 bit (x64) Windows® 7 Home Premium SP1 32 bit (x86) / 64 bit (x64) Windows® 7 Professional SP1 32 bit (x86) / 64 bit (x64) Windows® 7 Enterprise SP1 32 bit (x86) / 64 bit (x64) Windows® 7 Ultimate SP1 32 bit (x86) / 64 bit (x64) Windows® Embedded Standard 7 SP1 Windows® Embedded POS Ready 7 Windows® Embedded 8.1 Industry
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- FeliCa is a contactless IC card technology developed by Sony Corporation.
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## Sony Imaging Products & Solutions Inc.

Sony City Osaka

FeliCa Business Division

2-10-1 Osaki Shinagawa-ku, Tokyo, 141-8610 Japan

FeliCa website

[sony.net/felica/](http://sony.net/felica/)

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