

ICS-D004

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

FEATURES

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

- Suitable for applications using a USB NFC (FeliCa) reader*¹ 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.*²
- A single reader can accommodate multiple applications.
- Supporting thin client environments, such as Citrix and VMware.

*¹ Reader is sold separately.

*² Cannot access service area with keys in the card.

Products

	Product name / Model name	Content
Basic products * ³	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 * ⁴	ICS-M004	Q&A via e-mail* ⁵ Support website browsing* ⁵ Version upgrade* ⁶

*³ One developer license grants one developer the right to use our software tool.

*⁴ For SDK for NFC Lite ICS-D004. The annual support requires consecutive contracted periods.

*⁵ 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.

*⁶ 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/

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 Embedded 8.1 Industry
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- Windows is a registered trademark or a trademark of Microsoft Corporation in the United States and other countries.
- All other trademarks are the property of their respective owners.

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FeliCa website

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