The RC-S380/S is an NFC capable reader which can be connected to a PC via USB port. This product can be used in Windows® thin client terminals and fat client terminals.

### RC-S380/S

**FEATURES**

**Available for various contactless IC Cards**
Read/Write capability with FeliCa card / FeliCa-compatible devices and ISO/IEC 14443 Type A / Type B cards.

**Conforms to PC/SC 2.0 specification**
PC/SC interface for applications is provided to access FeliCa cards and ISO/IEC 14443 Type A / Type B cards.

**Supports major virtualization systems for secure thin client environments**
Suitable for terminal login authentication, etc., using IC cards in major virtualization systems to realize secure thin client environments.

**APPLICATION DEVELOPMENT ENVIRONMENTS**

The following Software Development Kit (SDK) lineup supports the development of application software for various operating systems to control the reader:

**SDK for NFC Lite for Windows OS (optional)**
Supports application development for ISO/IEC 14443 Type A / Type B cards, as well as FeliCa cards / FeliCa-compatible devices. Also available is a free-of-charge Starter Kit for development and evaluation.

**SDK for NFC <Reference Implementation> for embedded systems (optional)**
For other widely-adopted operating systems, such as Linux, reference source code with transplantable C language is provided to develop applications for ISO/IEC 14443 Type A / Type B cards, as well as FeliCa cards and FeliCa-compatible devices.
### PRODUCT SPECIFICATIONS

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<th>RC S380/S</th>
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#### Regulation requirements
- **[Japan]** No.: AC-12005
- **[USA]** FCC ID: AK8RCS380
- **[Europe]** CE RE (2014/53/EU)
For details of other regulation requirements, please contact us.

#### Communication method
- Conforms to ISO/IEC 18092 (212 kbps / 424 kbps Passive communication mode)
- Conforms to ISO/IEC 14443 (Type A / Type B)

#### Communication distance
- Approx. 5 mm (distance from the external surface of the device)

#### Carrier frequency
- 13.56 MHz

#### Communication speed (per card and device)
- 106 kbps
- 212 kbps
- 424 kbps

#### Compatible cards / devices
- FeliCa Standard
- FeliCa Lite
- FeliCa Lite-S
- FeliCa Link
- NFC Dynamic Tag (FeliCa Plug)
- Smartphones incorporating a Mobile FeliCa IC chip
- ISO/IEC 14443 Type A, MIFARE, Type B
- MIFARE Classic
- MIFARE Ultralight / Ultralight C
- MIFARE DESFire / DESFire EV1
- MIFARE Plus
- SmartMX
- Jewel / Topaz

#### API
- PC/SC Ver. 2.0, FeliCa library

#### External interface
- USB (full-speed)

#### Operating temperature / humidity (no condensation or frost)
- 5ºC to 35ºC / 10%RH to 90%RH

#### Storage temperature / humidity (no condensation or frost)
- −20 ºC to +60 ºC / 10%RH to 80%RH

#### Mass
- Approx. 36 g (excluding USB cable)

#### External dimensions (W × H × D)
- Approx. 60 mm × 11 mm × 100 mm

#### Operating voltage / Consumption current
- DC 5V / Max. 200 mA during operation

#### Supplied accessories
- Instruction manual, WEEE mark instructions
- Cardholder, dedicated stand, USB cable (approx. 1 m long)

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**Note:** Before purchasing this product, please make sure it complies with technical standards, regulations, etc. regarding safety standards of Electricity Act, etc. in your country and region.

### OPERATIONAL ENVIRONMENTS

**For the latest information about operating systems, see "Products" on the FeliCa website: sony.net/felica/**

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<th>OS</th>
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* Please use the latest version of Internet Explorer that is compatible with the operating systems listed above as your web browser.
* Successful operation is not guaranteed in all PCs using the recommended operating systems.
* The performance of this product depends on the specific combination of hardware and software used, even if the conditions in the previous table are satisfied.

**Caution:** If this product is placed on a metal surface, there is a chance that it operates improperly, such as being unable to communicate with the card. Therefore, it is recommended to use the device while remaining at least a few centimeters away from metal items such as desks and cabinets and, preferably, using the dedicated stand included with this product.

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