

RC-S360/S RC-S360/SH

“RC-S360” is a compact NFC reader for FeliCa™ and ISO/IEC 14443 Type A / Type B contactless IC cards, with USB interface.

S-type and SH-type USB readers are available, SH-type has clip attachment to hold the card to the reader during data communication.

Low cost

Compact Size

NFC compatible

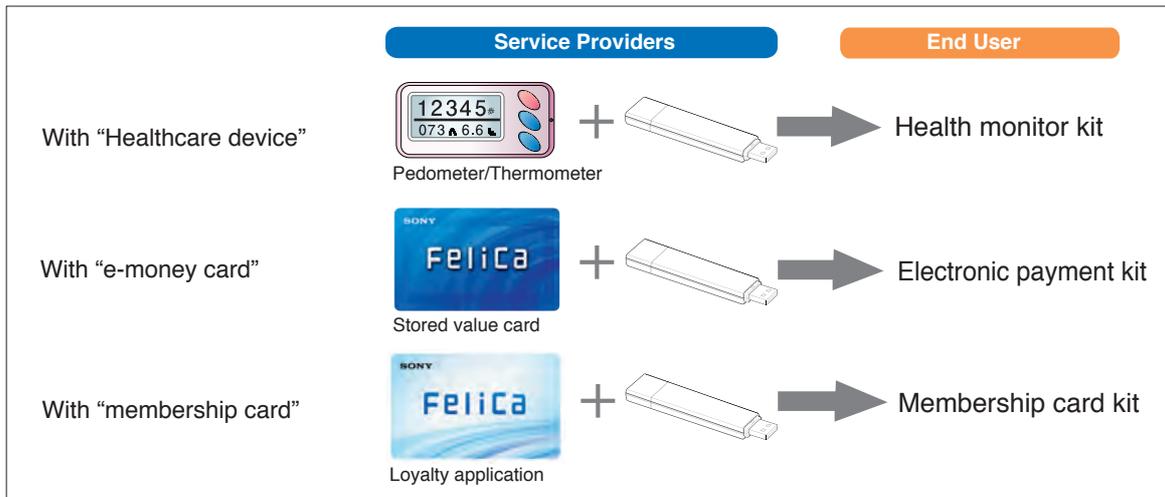


FEATURES

Create your packaged solution

The products are targeted to service providers who want to offer a package solution with card or other device with contactless communication / NFC capability.

Typical Package Solutions on the RC-S360



Compact and stylish

“RC-S360” is a stylish and compact reader device which is only about 20 millimeters wide, so it is easy to carry around together with your laptop PC. “RC-S360/SH” comes with a clip, which can hold the card to the reader.



An image of the usage with card holder



An image of the usage with a Mobile wallet phone

NFC (Near Field Communication) functionality*1

The reader has a read/write function for ISO/IEC 14443 type A / Type B cards, as well as FeliCa NFC Forum Type3 Tag including NFC Dynamic Tag (FeliCa Plug).

*1 Application and system should be prepared by the customer.

PRODUCT SPECIFICATIONS

	RC-S360/S	RC-S360/SH
External appearance		
Regulation requirements	[USA] FCC ID: AK8RCS360 [Canada] IC Certification No.: 409B-RCS360 [Europe] CE R&TTE (1999/5/EC) [Japan] RC-S360/S: Type Certification No.: AC-10070(Radio Law) RC-S360/SH : Type Certification No.: AC-10071(Radio Law)	
Communication distance(per card and device)*1	3 mm	
Communication method	Compliant with ISO/IEC 18092 (212 kbps / 424 kbps Passive communication mode) Compliant with ISO/IEC 14443 (Type A / Type B)	
Communication speed (per card and device)	106 kbps ² , 212 kbps, 424 kbps ³	
Carrier frequency(per card and device)	13.56 MHz (±50 ppm)	
Operating temperature/humidity (non condensation)	5 °C to 35 °C / 10% to 90% RH	
Storage temperature/humidity (non condensation)	-20 °C to +60 °C / 10% to 80% RH	
Dimensions (W×H×D) during use	90.5 mm×8.4 mm×17.9 mm	91.3 mm×11.1 mm×20.4 mm
Dimensions (W×H×D) during storage	78.7 mm×8.4 mm×17.9 mm	79.5 mm×11.1 mm×20.4 mm
Mass	Approx.8.4 g	Approx.11.0 g
External interface	USB (Full-Speed)	
Power requirements	DC 5 V (Supplied via USB)	
Power consumption (during operation)	Max.150 mA	
Supplied accessories	Instruction manual, cap	Instruction manual, cap with clip (cap clip)

*1 Communications distance depends on peripheral environment. Under ideal conditions, this value is not affected by electromagnetic waves or metallic substances.

*2 When using ISO/IEC 14443 Type A / Type B.

*3 Available only when the card or device to be used compatible with the 424 kbps transfer mode.

Before starting operation the customer should always check that contactless IC card operation performance is satisfactory for data transfer distance and RF characteristics. This product might not operate correctly if there is metal in the desk near the this product that cause failure in data transfer with the card.

OPERATING SYSTEMS

For the latest information, see "Products Information" at www.sony.net/Products/felica/.

Operating system	<ul style="list-style-type: none"> · Windows® 8 / 8.1 32 bit (x86) / 64 bit (x64) · Windows® 8 / 8.1 Pro 32 bit (x86) / 64 bit (x64) · Windows® 8 / 8.1 Enterprise 32 bit (x86) / 64 bit (x64) · Windows® 7 Starter SP1 32 bit(×86) · Windows® 7 Home Basic SP1 32 bit(×86) / 64 bit(×64) · Windows® 7 Home Premium SP1 32 bit(×86) / 64 bit(×64) · Windows® 7 Professional SP1 32 bit(×86) / 64 bit(×64) · Windows® 7 Enterprise SP1 32 bit(×86) / 64 bit(×64) · Windows® 7 Ultimate SP1 32 bit(×86) / 64 bit(×64) · Windows Vista® Home Basic SP2 32 bit(×86) / 64 bit(×64) · Windows Vista® Home Premium SP2 32 bit(×86) / 64 bit(×64) · Windows Vista® Business SP2 32 bit(×86) / 64 bit(×64) · Windows Vista® Enterprise SP2 32 bit(×86) / 64 bit(×64) · Windows Vista® Ultimate SP2 32 bit(×86) / 64 bit(×64)
Web browser	<ul style="list-style-type: none"> · Internet Explorer 11 · Internet Explorer 10 · Internet Explorer 9 · Internet Explorer 8 · Internet Explorer 7

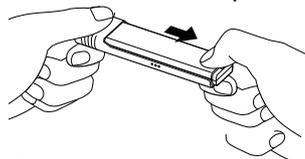
· When the USB connection is enabled, the driver and relevant software can automatically be downloaded via the Internet.

· If using a 64-bit OS then this product is usable only with 32-bit version of Internet Explorer.

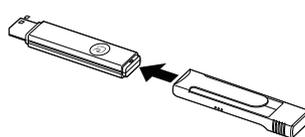
· Successful operation is not guaranteed on all PCs using the recommended operating systems.

· The performance of this product depends on the specific combination of hardware and software, even if the above mentioned conditions are satisfied.

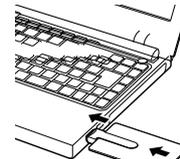
How to use the RC-S360 clip



Take the cap off the reader



Re-insert the reader into the cap as above



Connect to the USB port and insert the card

· Specifications and external appearance are subject to change without prior notice for the purpose of improvement.

· FeliCa is a trademark of Sony Corporation.

· FeliCa is a contactless IC card technology developed by Sony Corporation.

· Other system names and product names described in this catalog are generally registered trademarks or trademarks belonging to their respective development manufacturers. Note that ™ and ® symbols are sometimes purposely omitted from this text.

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