



OMNIKEY® SE Readers

Regulatory Compliance and Desktop Readers Install Guide

PLT-08166 Rev A.2

Embedded readers	Desktop readers (Indoor use only)
OMNIKEY SE Reader Core (Standard) P/N RCL55100000	OMNIKEY SE Plug (single unit) P/N RDU55200-00-000000 OMNIKEY SE Plug (bulk) P/N RDU55200B-00-000000
OMNIKEY SE Reader Core (Mini) P/N RCS55100000	CRESCENDO NFC READER (bulk) P/N RDU55211B-00-000000 OMNIKEY Plug (single unit) P/N RDU55210-00-000000

For further information and support, contact HID at <https://support.hidglobal.com>.

Product documentation, including additional languages, is available on the HID Developer Portal at:

<https://developers.hidglobal.com>.

Warning: Incorrectly connecting an OMNIKEY SE Reader may permanently damage it.

Desktop readers

For further information see the Embedded or Desktop products pages at:

<https://www.hidglobal.com/categories/rfid-tags-readers-modules>

USB specification

Host interface	USB C 2.0 CCID
Speed	12 Mbps (USB 2.0 full speed)
Power supply	Bus powered

Installation

1. Connect the Desktop Reader USB lead directly into the host port. The LED will flash green twice when the reader is operational.
2. For contactless RFID operation, present the credential near or on the reader surface (over the card/hand or RFID logo). By default, the LED will flash green for a successful read or red for an unsuccessful read.

UL and cUL



UL Recognition (Recognised Component) for the USA and Canada. The mark is cRUus, where the R is backwards.

	UL 62368 / UL 60950	UL 294 CAN/ULC 60839-11-1
UL: RCS55100000	E235580	Pending
UL: RCL55100000		

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC (Embedded Readers)

The embedded readers below have been tested under the FCC rules for a Modular Approval and the following shall apply:

- Provided that the antenna, antenna to device cable, and tuning network have not been changed in any way; the final product label may contain the FCC ID, provided no other radio devices exist within the final assembly.

RCS55100000	RCL55100000
FCC ID: JQ6-RCS5510 SRD Model: RCS5510	FCC ID: JQ6-RCL5510 SRD Model: RCL5510

- OEM Final Product US Dept. of Commerce Bureau of Industry and Security (BIS) approval is required for USA based companies who export and re-export products using encryption.

FCC (Desktop Readers): Tested to comply with FCC standards FOR HOME AND OFFICE USE

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not in-stalled and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RDU55200-00-000000 RDU55200B-00-000000	RDU55211B-00-000000	RDU55210-00-000000
FCC ID: JQ6-RDU552	FCC ID: JQ6-RDU552	FCC ID: JQ6-RDU552

CE/UKCA Marking (All Readers)



HID Global hereby declares that these proximity readers are in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Por el presente, HID Global declara que estos lectores de proximidad cumplen con los requisitos esenciales y otras disposiciones relevantes de la Directiva 2014/53/EU.

HID Global déclare par la présente que ces lecteurs à proximité sont conformes aux exigences essentielles et aux autres stipulations pertinentes de la Directive 2014/53/EU.

A HID Global, por meio deste, declara que estes leitores de proximidade estão em conformidade com as exigências essenciais e outras condições da diretiva 2014/53/EU.

HID Global bestätigt hiermit, dass die Leser die wesentlichen Anforderungen und anderen relevanten Bestimmungen der Richtlinie 2014/53/EG erfüllen.

HID Global dichiara che i lettori di prossimità sono conformi ai requisiti essenziali e ad altre misure rilevanti come previsto dalla Direttiva europea 2014/53/EU.

Download copies of the EU Declaration of Conformity (DoC) at: <https://www.hidglobal.com/certifications>

RoHS and REACH (All Readers)



RoHS declaration and REACH letters are available on the HID Developer Portal.

Taiwan: NCC warning

NCC警告：取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

RCS55100000	CCAL24Y10770T2
RCL55100000	CCAL24Y10780T2
RDU55200-00-000000 RDU55200B-00-000000	CCAL25LP0700T1
RDU55210-00-000000	Pending
RDU55211B-00-000000	Pending

Brazil

Para maiores informações, consulte o site da ANATEL www.gov.br/anatel/. Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

RCS55100000 RCL55100000	11028-24-04321
RDU55200-00-000000 RDU55200B-00-000000	Pending

Canada Radio Certification

(ISED: Innovation, Science and Economic Development)

The device complies with ISED license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ATTENTION: Tout changement ou modification de cet appareil sans approbation explicite du manufacturier vous enlève les droits d'usage de cet équipement.

CAUTION: Any changes or modifications to the device not explicitly approved by the manufacturer could void your authority to operate this equipment.

Operating distance

Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

RCS55100000 RCL55100000	ISED: 2236B-RCS5510 ISED: 2236B-RCL5510
RDU55200-00-000000 RDU55200B-00-000000 RDU55210-00-000000 RDU55211B-00-000000	ISED: 2236B-RDU552

Australia and New Zealand



RCS55100000 RCL55100000	Standard: AS/NZS 4268 RCM Supplier Number E4662
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India: WPC

RCL5510	ETA-SD-20240605969
RCS5510	ETA-SD-20240605970
RDU55200-00-000000 RDU55200B-00-000000	ETA-SD-20250706279
RDU55211B-00-000000	ETA-SD-20250706277
RDU55210-00-000000	ETA-SD-20250706280

Japan: MIC, Giteki



R 214-125908

この装置は総務省の型式指定を受けています。本製品は電波を使用したRFID機器の読み取り・書き込み装置です。そのため使用する用途・場所によっては、医療機器に影響を与える恐れがあります。

RCL5510	AC-24150
RCS5510	AC-24149

Korea: KCC

RCS55100000, RCL55100000



RCS5510	R-R-JQ6-RCL5510
RCL5510	R-R-JQ6-RCL5510
RDU55200-00-000000 RDU55200B-00-000000	Pending

Mexico



RDU55200-00-000000 RDU55200B-00-000000	NYC-2502C0E12373 (NOM)
RDU55211B-00-000000 RDU55210-00-000000	CEHIRD25-27611 (IFT)

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Argentina

RDU55200-00-000000	[R] <Pending>
RDU55200B-00-000000	[R] <Pending>
RDU55211B-00-000000	[R] <Pending>

Bluetooth Low Energy radio compliance

(RCS55100000, RCL55100000)

The Bluetooth Low Energy transceiver has been certified by the Bluetooth Special Interest Group (SIG) and granted Declaration ID D067723 with End Product QDID 229866. The QDIDs for the combined designs within the OMNIKEY SE Reader Core are 216169 & 178970.