

Compact Multiple Reader

iUC280/285/250

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1 Introduction

Thank you for choosing a payment terminal Ingenico.

We recommend you to read carefully this installation guide: It gives you the necessary information about safety precautions, unpacking, installation, and maintenance of your terminal.

Merci d'avoir choisi un terminal de paiement Ingenico.

Nous vous recommandons de lire attentivement ce guide d'installation : Il vous donne les informations nécessaires sur les précautions de sécurité, le déballage, l'installation et l'entretien de votre terminal.



Note : This symbol indicates an important Warning.



Note : Ce symbole indique un avertissement important.

WARRANTY / SECURITY



To benefit from the guarantee-related product, and to respect the security, we ask you to use only accessories delivered in box with the product, entrusting maintenance operations only to an authorized person.

GARANTIE / SECURITE



Pour bénéficier de la garantie liée au produit, et afin de respecter la sécurité, nous vous demandons de n'utiliser que des accessoires livrés dans la boîte avec le produit, en confiant les opérations de maintenance seulement à une personne autorisée.

The iUC280/285/250 is powered by USB cable only. Thanks to respect following standards :

- The power sources should comply with Standards IEC60950-1:2005 Edition 2 and EN60950-1:2006+/A11:2009. Moreover, they should be Safety Extra-Low Voltage circuits and Power Limited Sources according to clauses 2.2 and 2.5 of these standards.
- iUC280/285/250 power ratings = 5 V max $\overline{\text{---}}$ 500mA

L'iUC280/285/250 est alimenté par câble USB uniquement. Merci de respecter les recommandations suivantes :

- Les alimentations électriques doivent être conformes aux normes IEC60950-1 : 2005 2nd Edition et EN60950-1 : 2006 + / A11 : 2009. De plus, elles doivent être des circuits Très Basse Tension de Sécurité et être des Sources à Puissance Limitée conformément aux chapitres 2.2 et 2.5 de ces normes.
- Caractéristiques électriques d'alimentation des iUC280/iUC285/iUC250 = 5 V max $\overline{\text{---}}$ 500mA

Ground stud must be used to connect the products to the earthing.

Les bossages doivent être utilisés pour relier les produits à la terre.



Nota: Failure to comply with these instructions will void the manufacturer's responsibility.



Nota : le non-respect de ces instructions annule la responsabilité du fabricant.

2 Installation

2_1 Safety

Power on/Power down

To power on or power down the iUC280/285/250 connect or disconnect the USB cable.

Lithium battery

The iUC280/285/250 is fitted with a lithium battery which is not accessible to the user. Only a qualified technician may be authorized to open the unit and change this component.

For Switzerland annex 2.15 of SR 814.81 applies for batteries.

SAM, MMC connectors

They are operator accessible parts.

This is an Electrostatic (ESD) sensitive area and ESD precautions must be taken when fitting it. As a minimum, the operator should be "Electrostatically Discharged" via his/her hand to a suitable safe metallic earthing point prior to opening this area.

Connections to external equipment and circuits

All external circuits and equipment connected to iUC280/285/250 should be Safety Extra-Low Voltage circuits according to clause 2.2 of Standards

IEC60950-1:2005 Edition 2 and EN60950-1:2006+/A11:2009/A1:2010/A12:2011

Operating conditions

Temperature -20°C to +65°C

2_2 Security of your terminal

Your device fulfils current applicable PCI PTS security requirements.

Upon receipt of your terminal you should check for signs of tampering of the equipment. It is strongly advised that these checks are performed regularly after receipt. You should check, for example: that the keypad is firmly in place; that there is no evidence of unusual wires that have been connected to any ports on your terminal or associated equipment, the chip card reader or any other part of your terminal. Such checks would provide warning of any unauthorised modifications to your terminal, and other suspicious behaviour of individuals that have access to your terminal. Your terminal detects any "tampered state". In this state the terminal will repeatedly flash the message "Alert Irruption!" and further use of the terminal will not be possible. If you observe the "Alert Irruption!" message, you should contact the terminal helpdesk immediately.

You are strongly advised to ensure that privileged access to your terminal is only granted to staff that have been independently verified as being trustworthy.

The terminal must never be put in or left at a location where it could be stolen or replaced by another device.

Product must be mounted vertically and at appropriate height to keep IC card reader slot in full view for the card holder during all the payment transaction.

You are strongly advised to perform regular checks on the chip card reader.



NEVER ask the customer to divulge their PIN Code. Customers should be advised to ensure that they are not being overlooked when entering their PIN Code.

2_3 Integration (see integration guide)

See installation guide.

3 Maintenance



CAUTION

Before making any operations of maintenance in the terminal, make sure that power supply is disconnected.

**ATTENTION**

Avant toute opération de maintenance du terminal, s'assurer que l'alimentation électrique est déconnectée.

Cleaning of the terminal

First of all, unplug all the wires from the terminal.

Nettoyage du terminal

Avant cette opération, débrancher tous les câbles du terminal.

Good rules for proper cleaning of the terminal are:

- Use a soft cloth that is very slightly soaked with soapy water to clean the outside of the terminal.
- Do not clean the electrical connections.
- Do not use in any case, solvents, detergents or abrasive products: Those materials might damage the plastic or electrical contacts.
- Avoid exposing the terminal to the direct rays of the sun.
- Do not put anything into the slot of the smart card reader

Les règles de bonne pratique pour le nettoyage du terminal sont les suivantes :

Utiliser un chiffon doux très légèrement imbibé d'eau savonneuse pour nettoyer l'extérieur du terminal.

- Ne pas nettoyer les connexions électriques.
- Ne jamais utiliser de solvants, détergents ou produits abrasifs : ces produits peuvent endommager les contacts électriques ou les parties plastiques.
- Eviter une exposition directe du terminal aux rayons du soleil.
- Ne rien mettre dans la fente du lecteur de carte à puce

3_1 Transport and storage

- Use the original packaging for any unit transported or stored.
- Disconnect all cables from the terminal during the transport.
- Utiliser l'emballage d'origine pour le transport et le stockage des produits.
- Débrancher tous les câbles du terminal avant le transport.

3_2 Environment (WEEE, Batteries and Packaging)

This product is labeled in accordance with European Directives 2002/96/EC concerning Waste Electrical and Electronic Equipment (WEEE) and 2006/66/EC concerning Batteries and Accumulators. Those provisions are requiring producers and manufacturers to become liable for take-back, treatment and recycling upon end of life of equipment and batteries.



The associated symbol means that WEEE and waste batteries must not be thrown away but collected separately and recycled.

Ingenico ensures that efficient collection and recycling schemes are set-up for WEEE and batteries according to the local regulation of your country. Please contact your retailers for more detailed information about the compliance solution in place for disposing of your old product and used batteries.

Packaging waste must also be collected separately to assure a proper disposal and recycling.

Please note that proper recycling of the electrical and electronic equipment and waste batteries will ensure safety of human health and environment.

4 Standards

4_1 EC marking

The EC marking indicates terminal complies with harmonized standards and requirements of European Directives on:

- R&TTE Directive 1999/5/EC. The Radio and Telecommunications Terminal Equipment Directive
 - Radio : ETSI EN 300 330-2 V1.5.1 (2010-02) - Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD)
 - EMC : ETSI EN 301 489-1 V1.9.2 (2011-09), ETSI EN 301 489-3 V1.6.1 (2013-08) - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
- 2006/95/EC Low Voltage Directive : Electrical safety of data processing equipment including electrical office equipment. IEC/EN 60950-1 : EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
- RoHS 2 (Restriction of Hazardous Substances)

4_2 IC statements

This class (B) digital apparatus complies with Canadian ICES-003.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication."

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

"This device complies with Industry Canada licence-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'Industrie Canada 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.

4_3 FCC Statement

FCC standard compliance marking certifies that the product stipulated iUC280/285/250 is conforms to the harmonized standards Part 15 subpart B of the FCC rules.

Information to users:

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

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 installed and used in accordance with the instruction, 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 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 circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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