



MOBY EM₃ TOC

We recommend that you read this installation guide before use. It will give you the necessary information about usage, safety precautions, installation and maintenance of your MOBY EM3 TOC card reader.

WARRANTY / SECURITY



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

MOBY EM3 TOC is USB powered, use only INGENICO parts for replacement:

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

The power supply used with this product must not exceed 15W.

Unpacking

The following items are included in the MOBY EM3 TOC box:

- The MOBY EM3 TOC Card Reader
- This User guide

Security of your MOBY EM3 TOC

Upon receipt of your card reader, you should check for signs of tampering of the equipment. It is strongly advised that these checks are performed regularly.

You should check, for example: there is no evidence of unusual wires that have been connected to any ports on your reader or associated equipment, the chip card slot, or any other part of your reader. Such checks would provide warning of any unauthorized modifications to your card reader, and other suspicious behavior of individuals that have access to your reader.

Your reader detects any "tampered state". If the reader is tampered, the CLES LEDs will repeatedly flash, and further use of the reader will not be possible.

MOBY EM3 TOC Card Reader

MOBY EM3 TOC allows merchants to convert a smartphone or a tablet into a powerful & secure POS solution.

Usage

ON

To power on the reader through inserting the USB cable.

OFF

Unplug the USB cable to power off MOBY EM3 TOC.

Card reading

Inserting a chip card

- Chip Cards should be inserted into the reader, with the chip facing down and into the card reader slot.

Tapping a contactless card/mobile device

- Contactless Antenna is located around the terminal. Customers can tap close to the terminal to perform transaction.



Tapping works best when the distance between the card/phone and the MOBY EM3 TOC is less than 1.5 inches.

Maintenance

First of all, unplug all cables from the reader.

Good rules for proper cleaning of the reader are:

- Do not clean the electrical connections.
- Do not use in any case solvents, detergents, alcoholic or abrasive products as those materials will damage the plastic or electrical contacts.
- Avoid exposing the reader to direct sunlight.
- Do not insert anything but cards into the smart card reader slot.

Troubleshooting

MOBY EM3 TOC does not turn on:

- Check the USB connection.
- Check that the wall plug PSU is fully inserted in the electrical socket.

Cards are not read

- Check that the magnetic card is swiped correctly.
- Swipe the card with a constant movement.
- Check that the magnetic stripe is not damaged, grooved or cracked.
- Ensure you have correctly inserted the smart card into the smart card reader and that the card has been removed when instructed.

Operation & Storage

Operating conditions

Operating temperature	From 0°C to 50°C
Connections	USB-C (5v 0.5A)

Storage conditions

Storage temperature	from -20°C to +60°C
Max relative humidity	95%, non-condensing

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 require 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 reseller 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 ensure 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.

BATTERIES

- replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

FCC Compliance Statement

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.

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

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 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.

FCC Radiation Exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED compliance statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L' émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique 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;
- (2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

ISED Radiation Exposure statement

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et votre corps.

CAN ICES-003(B)/NMB-003(B)

Max Of Transmit Power (for EU Compliance)

Frequency Band	13.56MHz
Transmitter Power	-11.27dBuA/m@10m

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