



# Plusonic USB NFC Card Reader

Part No. 195630



## Quick Install Guide

## 1. Introduction

The Plusonic USB NFC Card Reader is a PC-linked Contactless Smart Card Reader/Writer developed on the 13.56MHz Contactless Technology. It is the world's first CCID Compliant Contactless Card Reader/Writer that follows both ISO14443 and ISO18092, This device is designed to support not only MiFare and ISO14443 Type A and B Cards but also FeliCa and NFC tags.

By making use of high-speed card access and full USB speed of 12 Mbps, read and write operations are faster and more efficient. Furthermore, this reader acts as a Plug and Play(PnP) device so there is no need to provide additional drivers to users. With its compact size, trendy design and with the various features the Plusonic USB NFC Card Reader offers, you can experience the convenience in using this device for applications of payment, mass transit, physical access control, time attendance, etc.

## 2. Installation

1. Plug the Card reader into the USB port of the PC. The LED will light up.
2. PC shows "found new hardware".
3. The Hardware Update Wizard pops up.
4. Start the driver installation by clicking "Next". The required drivers will be installed via the Windows Updates.
5. After the successful installation of the devices drivers, in the Device Manager, it shows the device as "USB Smart Card Reader". Now you can start using the Card Reader.

In case Windows Updates are not available or did not find any Updates, please contact us for the driver installation files. These can be used to manually install the drivers for the Plusonic USB NFC Card Reader.



### NOTE

If you want to use the writing function of the device additional software is required.

### 3. Safety Instructions

Please be sure to observe the following instructions:

#### General notes



#### RISK

- Only use the device for the purpose it was designed.
- Only use the device as described in the Quick Start Guide or manual.
- Any other use is considered improper and may result in property damage.
- Neither ALLNET® nor the dealer accepts liability for damage caused by improper or incorrect use.
- All safety instructions must be read through.
- The manual should be kept for future reference.

#### Mounting instructions



#### WARNING

- NEVER place the device near radiators, air conditioners or water sources. This greatly increases the risk of electric shocks, short circuits or fire.
- The humidity should be between 20% and 80%, otherwise condensation may occur.
- Protect the device from direct sunlight, extreme heat, open fire and dust. Otherwise, the risk of electric shocks, short circuits or fire increases.
- Never place the device on surfaces that are sensitive to heat.
- Do not use the device in damp rooms and under no circumstances in potentially explosive areas.
- The device is designed for use in enclosed spaces.

## Operating notes

### **ATTENTION**

- Operate the device only with the voltage indicated on the device or on the included power supply unit.
- Any batteries present are only to be replaced with the same or an equivalent type.
- Do not use obviously defective devices. If the unit does not operate normally – especially if unusual odors or noises occur – unplug the power cord from the socket immediately.
- Never expose the device to direct sunlight during operation.
- Never operate the device near sources of heat.
- Protect the device from moisture, dust, liquids and vapors.
- Never open the device.
- Work on the device may only be carried out when the device has been disconnected from its power source.
- The device may only be operated by persons who have read the instructions or have been instructed in its operation by a competent person.

## Instructions for repair and maintenance.



### **RISK**

- Repairs may only be carried out by trained, authorized personnel.
- Regular maintenance is not necessary.
- Never open the device.
- For cleaning work, disconnect the device from its power source.
- Do not use any cleaning agents containing solvents for cleaning, but only a soft, dry antistatic cloth.
- It is forbidden to make any modifications to the unit.
- Damaged devices or damaged components may no longer be used.



## NOTE

ALLNET GmbH Computersysteme declares that the device **Plusonic USB NFC Card Reader** is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU. The Declaration of conformity can be found under this link: <http://ce.allnet.de>

ALLNET GmbH Computersysteme  
Maistrasse 2  
82110 Germering

Tel.: +49 (0)89 894 222 - 22

Fax: +49 (0)89 894 222 - 33

Email: [info@allnet.de](mailto:info@allnet.de)



CE Marking is the symbol as shown above. The letters "CE" are the abbreviation of the French phrase "Conformity European" which literally means "European Conformity". The terms initial use was as the "EC Mark". With the Directive 93/68/EEC from 1993 it was officially replaced by the "CE Marking". Nowadays the "CE Marking" is used in all EU official documents.



## NOTE



This symbol on the product or on its packaging indicates that this product is not to be disposed with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of electrical waste or electronic equipment. The separate collection and recycling of your waste equipment will help to conserve natural resources and ensure that it is recycled in a manner that protects

DE13101093 human health and environment. For more information about where you can dispose your waste equipment, please contact your local city office, your household disposal service or the shop where you purchased the product.



This recycle logo indicates that this product can be recycled, not that the product has been recycled. It is possible that this device will not be accepted in all recycling collection systems.



The recycling codes are used to guarantee the correct handling of waste. It is an internationally recognized classification that assigns a unique number to each waste material. This number provides information on how the waste material can best be recycled to ensure the least possible impact on the environment. The code PAP 22 describes these instructions for the device, which were printed on paper. They should be disposed of through the usual recycling channels, such as waste paper collection points.



The RoHS directive aims to restrict certain dangerous substances commonly used in electronic and electronic equipment. This RoHS compliant symbol indicates the component is tested for the presence of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Hex-Cr), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE). For Cadmium and Hexavalent chromium, there must be less than 0.01% of the substance by weight at raw homogeneous materials level. For Lead, PBB, and PBDE, there must be no more than 0.1% of the material, when calculated by weight at raw homogeneous materials. Any RoHS compliant component must not have more than 100 ppm of mercury and the mercury must not have been intentionally added to the component.