iDTRONIC GmbH NEO2 HF/LF Desktop Reader User Guide

Contents

iDTRONIC GmbH NEO2 HF/LF Desktop Reader

Product Information

Specifications:

- **Product Name:** Desktop Reader NEO2 HF/LF
- **Interface:** Virtual USB port and HID Keyboard device interface
- **Power:** 5V
- **Working Frequencies:** 125KHz and 13.56MHz

Product Usage Instructions

1. **Product Appearance:**
   Describe the physical appearance of the Desktop Reader NEO2 HF/LF.

2. **Hardware Connection:**

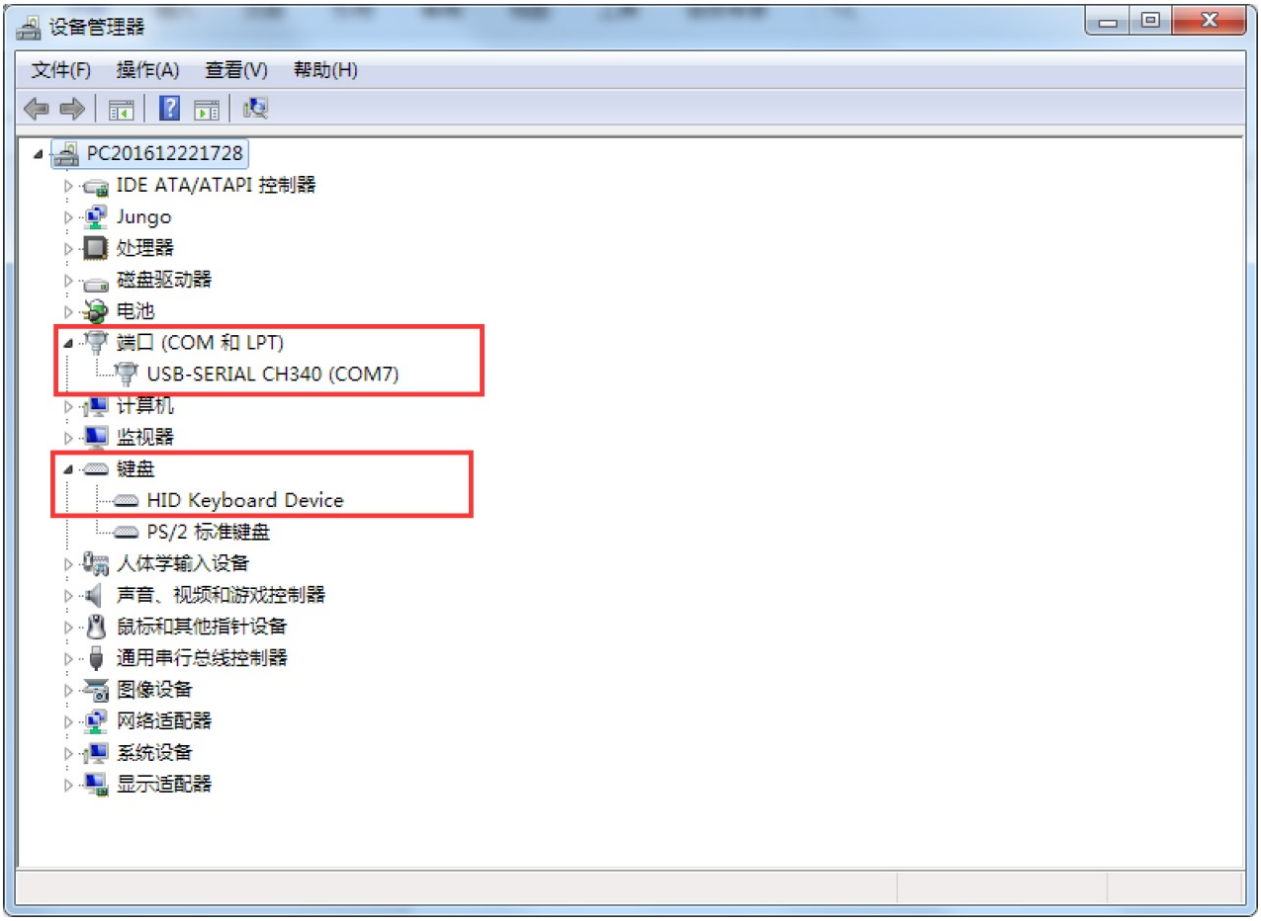
   Connect the NFC reader to your PC using the provided virtual USB port. Ensure the power supply is 5V.

   1. **Port Information:**

      The port information will be displayed on your PC's Device Manager.

   2. This NFC reader equipped with standard virtual USB port and HID Keyboard device interface, which can be directly connector to PC with power of 5V

      And the according port information will be displayed on PC's Device manager as below:

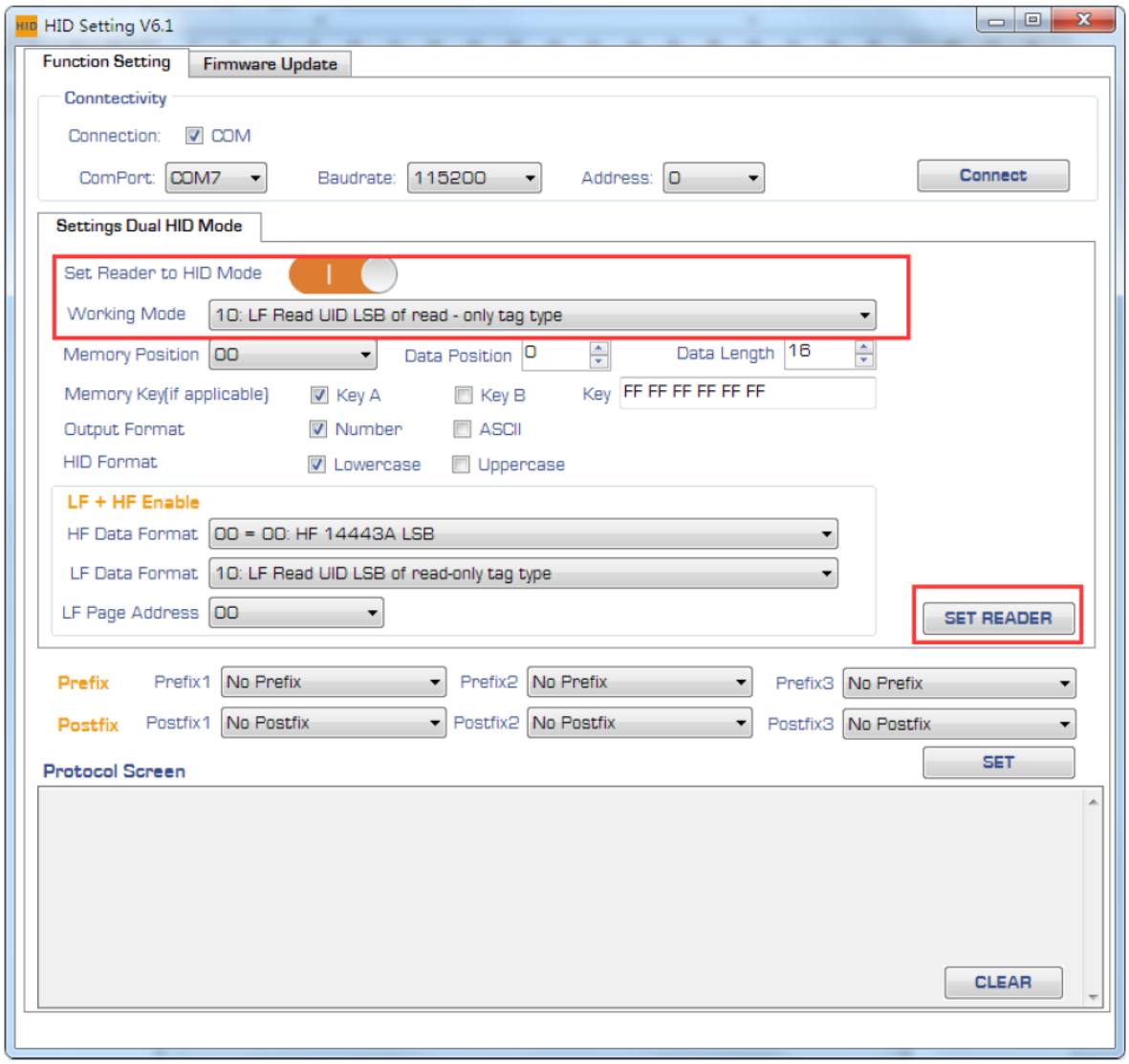


3. **Setup for Frequency Switch:**

   Use the software tool named HID Setting V6.1 to switch between 125KHz and 13.56MHz. Setup for switch of 125KHz and 13.56MHz with software Software tool name as HID Setting V6.1

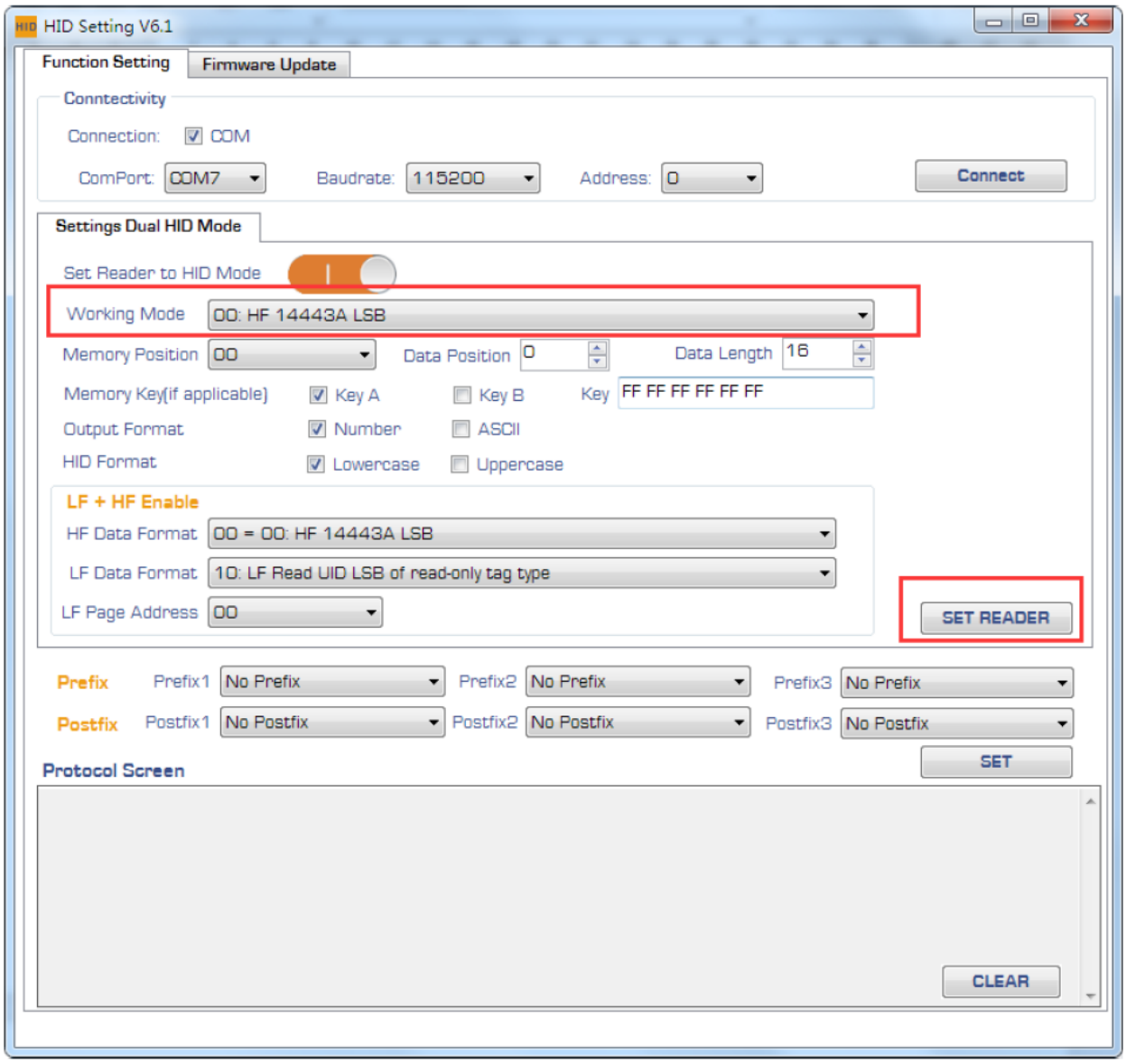
   1. To set reader working in 125KHz with following working mode
      1. **125KHz Mode:**

         Instructions on setting the reader to work in 125KHz mode.



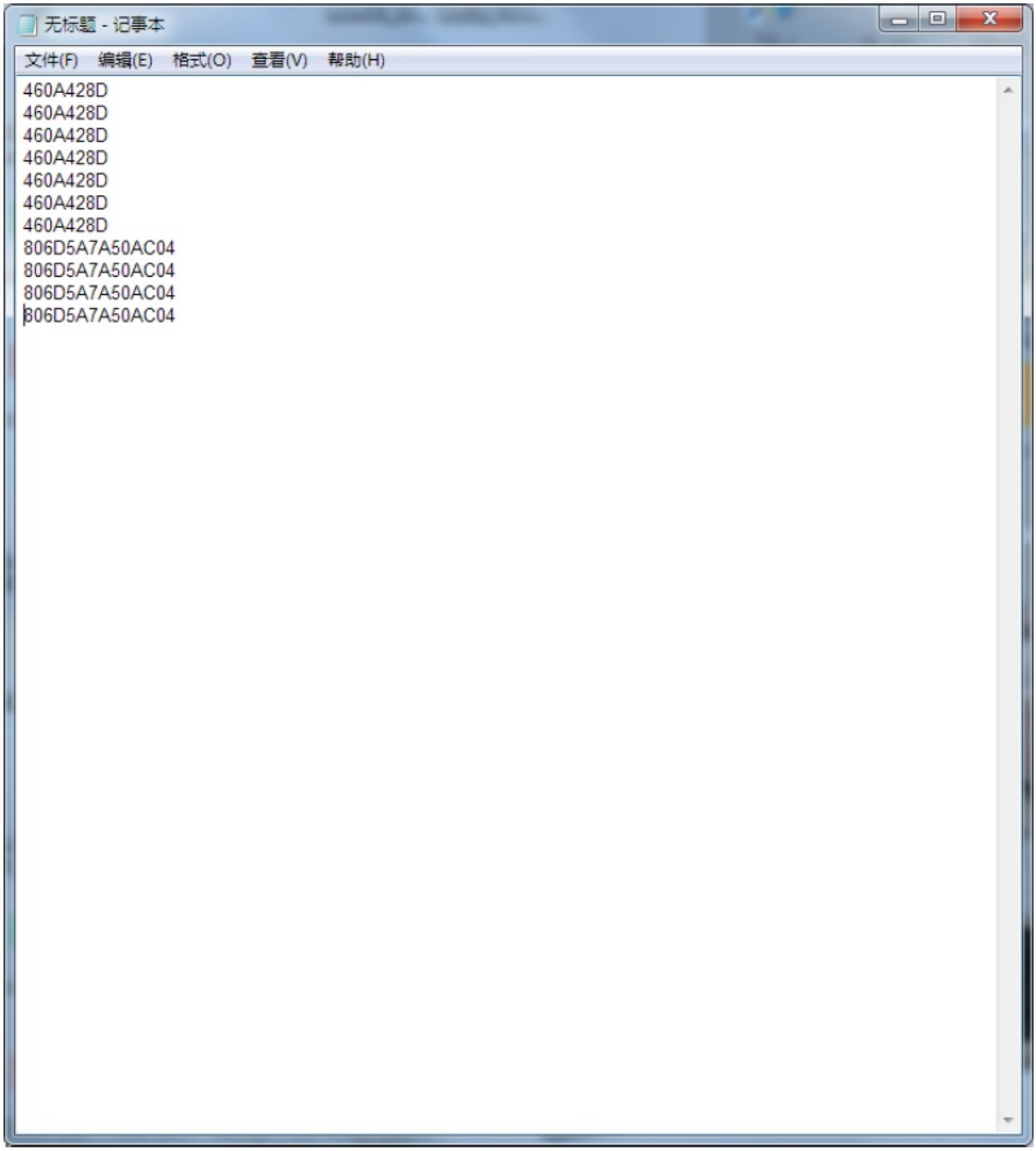
2. **13.56MHz Mode:**

   Instructions on setting the reader to work in 13.56MHz mode. To set reader working in 13.56MHz with following working mode



4. **Test Data Output:**

   After setting the working mode, the data will be read out and can be output directly in TEXT or Excel format. Test result of the data output When after set for different working mode, the data will be read out and output with TEXT or excel, etc directly, as below



FCC WARNING

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.

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 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

Frequently Asked Questions (FAQ)

- **Q: How do I know if the reader is connected correctly to my PC?**

  A: Check the Device Manager on your PC to see the port information displayed for the NFC reader.
- **Q: Can I switch between 125KHz and 13.56MHz frequencies easily?**

  A: Yes, you can use the HID Setting V6.1 software tool to switch between the frequencies.

Documents / Resources

	iDTRONIC GmbH NEO2 HF/LF Desktop Reader [pdf] User Guide NEO2 HF LF Desktop Reader, NEO2 HF LF, Desktop Reader, Reader

References

- User Manual