



ID Access 1500, OEM-HF-R845-ET-BO
13.56 MHz read-only RFID Module
Test and Configuration

1 Test Buzzer, LED and Relay

Use the software „TcpReader.exe“ to test and configure the device.

Connect with the device:

1. Click on [Search]
2. Chose device from the list
3. Click on [Connect], the text in the button changes to [Disconnect]

The screenshot shows the TcpReader application window with the following sections:

- Connection:** IP: 192.168.10.20, Search, Disconnect buttons.
- Set/Get Reader Parameter:** ReaderID: 130001, ReaderStatus: False, RelayDuration: 30 x20ms, BuzzerDuration: 30 x20ms, Light Duration: 50 x20ms, Set, Get buttons.
- Network Setting:** Static IP: 192 . 168 . 10 . 20, Subnet: 255 . 255 . 255 . 0, Gateway: 192 . 168 . 10 . 10, DNS: 8 . 8 . 8 . 8, MAC: 08:90:90:21:00:18, Get NetConf, IP Modify buttons.
- URL:** https://www.sportivity.com/ws/AccessGate, Get URL, Set URL buttons.
- Operation:** Buzzer: ON, Relay: ON, Light: OFF, Device Control button. This section is highlighted with a green border.

Use the pull down menus in the section “Operation” to test Buzzer, LED and Relay.

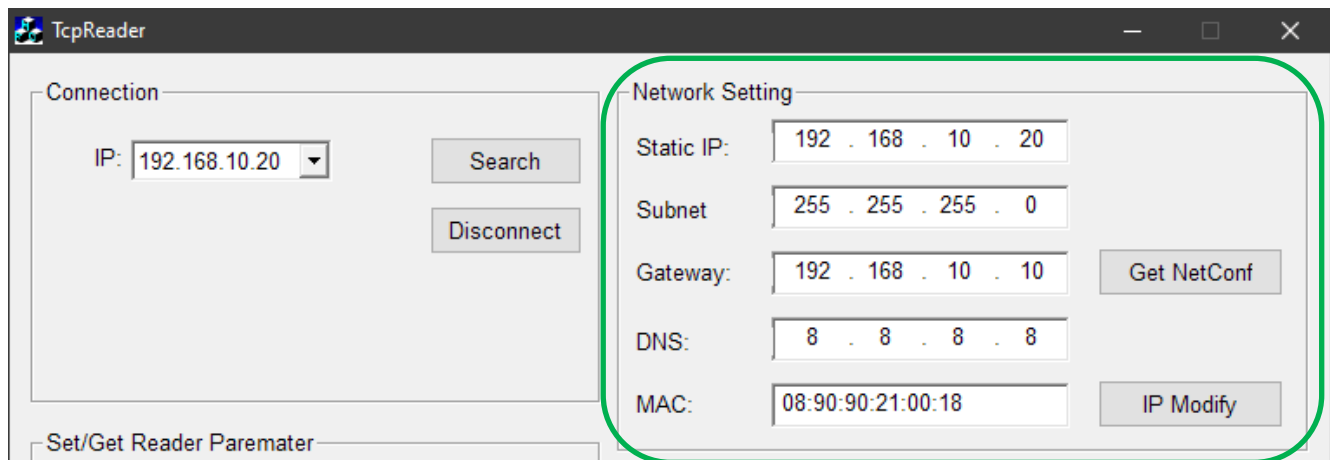
2 Configure the Network Settings

Click on [Get NetConf] to request the current settings from the device.

Edit the values to your need.

Confirm with click on [IP Modify]. Check if you get a success message.

We recommend to change the MAC address of each device to an individual setting.



The screenshot shows the 'TcpReader' application window. The 'Network Setting' panel is highlighted with a green rounded rectangle. It contains the following fields and buttons:

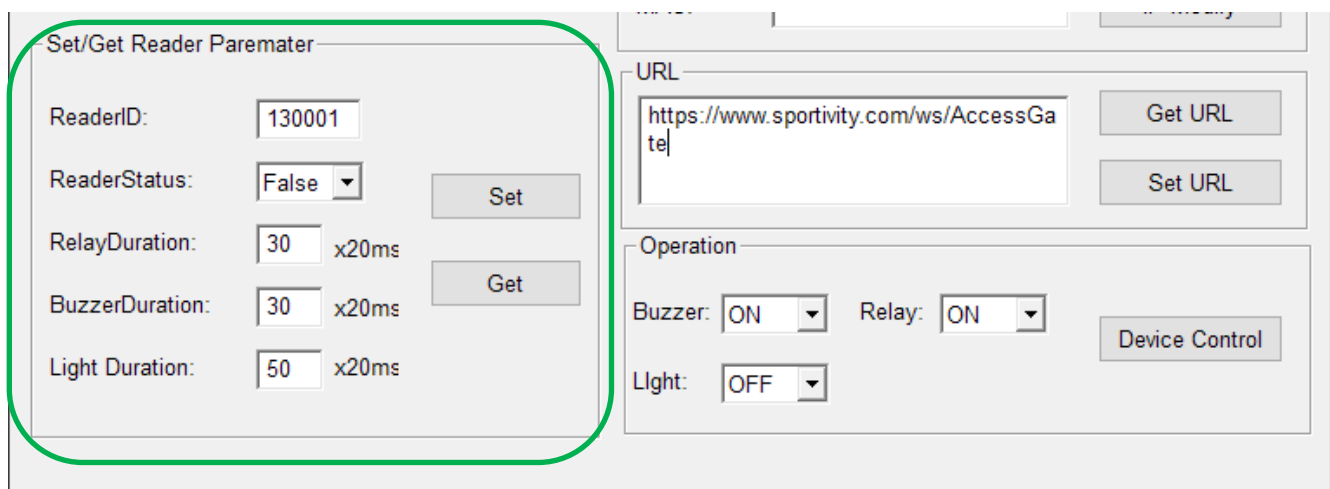
- Static IP: 192 . 168 . 10 . 20
- Subnet: 255 . 255 . 255 . 0
- Gateway: 192 . 168 . 10 . 10
- DNS: 8 . 8 . 8 . 8
- MAC: 08:90:90:21:00:18
- Buttons: 'Get NetConf' and 'IP Modify'

Other visible panels include 'Connection' with an IP dropdown (192.168.10.20) and 'Search'/'Disconnect' buttons, and 'Set/Get Reader Parameter'.

3 Configure Timing of Buzzer, LED and Relay

Click on [Get] to get the current settings from the RFID device.

Change the values to your need and write them into the RFID device with click on [Set]. Check if you get a success message.



The screenshot shows the 'Set/Get Reader Parameter' panel highlighted with a green rounded rectangle. It contains the following fields and buttons:

- ReaderID: 130001
- ReaderStatus: False (dropdown)
- RelayDuration: 30 x20ms
- BuzzerDuration: 30 x20ms
- Light Duration: 50 x20ms
- Buttons: 'Set' and 'Get'

Other visible panels include 'URL' with a text field containing 'https://www.sportivity.com/ws/AccessGate' and buttons 'Get URL'/'Set URL', and 'Operation' with 'Buzzer' (ON), 'Relay' (ON), 'Light' (OFF) dropdowns, and a 'Device Control' button.

Numbers of duration are hexadecimal values.

4 Configure the Server Address

Click on [Get URL] to get the current server address from the RFID device.


Change the values to your need and write them into the RFID device with click on [Set URL].

Check if you get a success message.



The screenshot shows a web-based configuration interface for an RFID device. On the left, there are two input fields: 'ReaderID' with the value '130001' and 'ReaderStatus' with a dropdown menu set to 'False'. Below these is a 'Set' button. On the right, there is a 'URL' field containing the text 'https://www.sportivity.com/ws/AccessGate'. To the right of the URL field are two buttons: 'Get URL' and 'Set URL'. The entire right-hand section, including the URL field and buttons, is highlighted with a green rounded rectangle.

5 Doing the Configuration in the Web Interface

 TCP READER

Reader Configure

Software Update

User Management

RFID Reader Configure

READER NETWORK

Address

192.168.10.20

Netmask

255.255.255.0

Gateway

192.168.10.10

DNS

8.8.8.8

MAC

08:90:90:21:00:18

SET

SERVER NETWORK

URL

<https://www.sportivity.com/ws/AccessGate>

SET

READER PARAMETERS

Reader ID

130001

Reader Status

FALSE

Relay Duration

48

Buzzer Duration

48

Light Duration

80

SET

Numbers of duration are decimal values.