



**C4 2D Server**  
**Keyboard Emulation with 2D Code Reader or**  
**RFID Reader Scanning**

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## 1 Introduction

### 1.1 Description

Scan 2D Server and UHF Server are the GUI for easy configuration of a scan service.

This software provides a keyboard emulation for code readings.

- Scan switch enable/disable keyboard emulation
- Prefix send additional button before the code reading
- Suffix send additional button after the code reading
- Voice unknown
- Scan key settings select key to start code reading

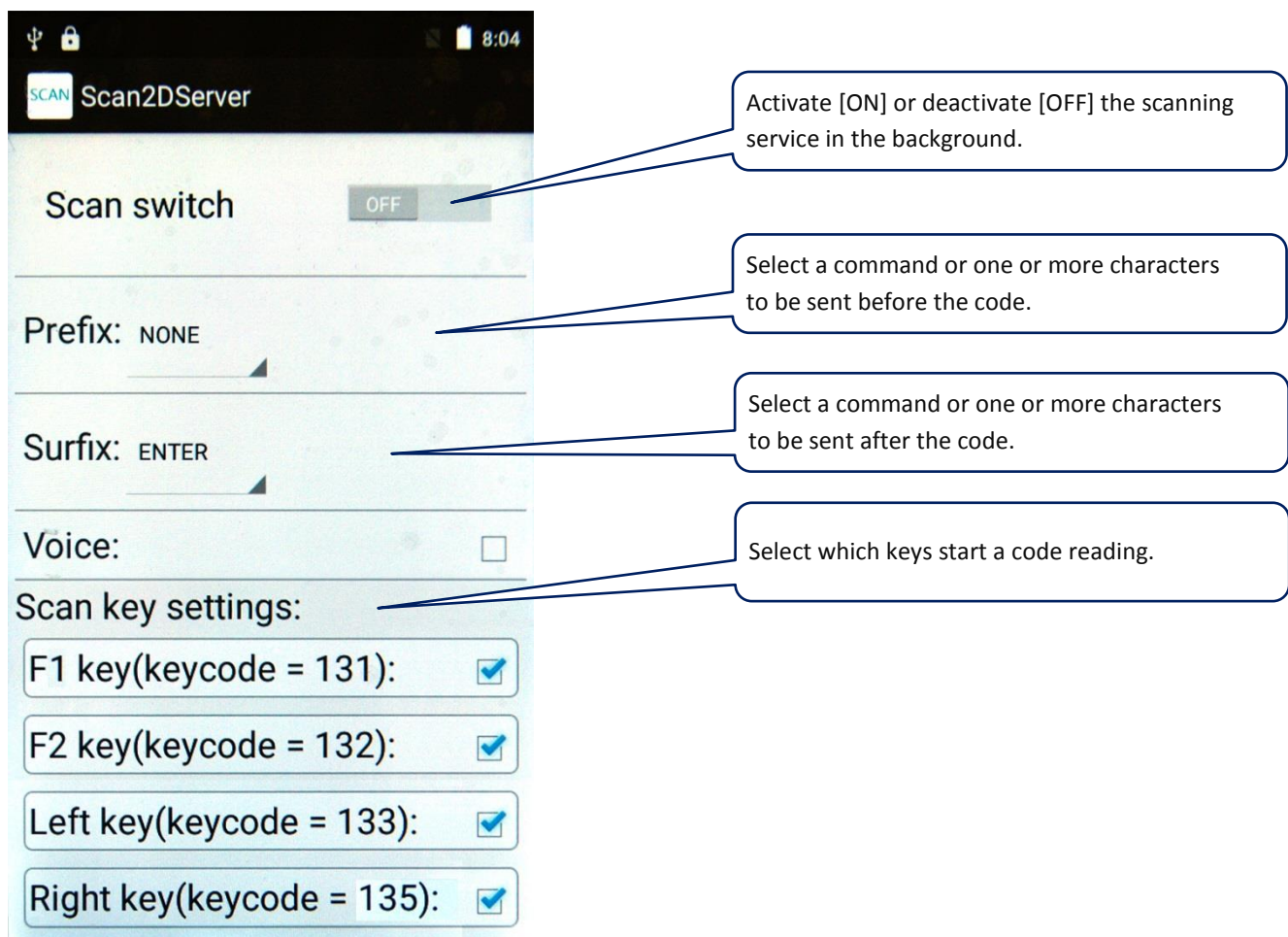
Keyboard emulation: The code (either scanned or read from RFID) is input into the Android as if you would type it.

### 1.2 Using 2 Keyboard Emulations in Parallel

Configure one keyboard emulation (e.g. UHFServer) to start scanning with [F1].

Configure the other keyboard emulation (e.g. 2DServer) to start scanning with [F2].

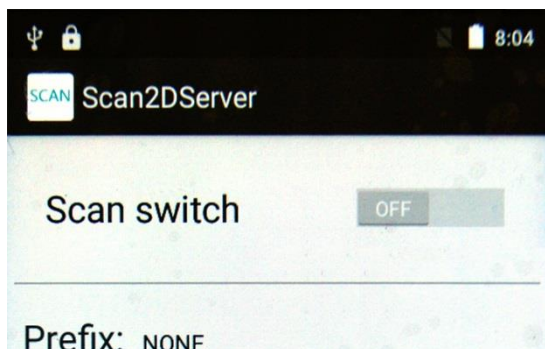
### 1.3 Overview of the Software



There is a typo in the software: Surfix = Suffix

## 2 Operation

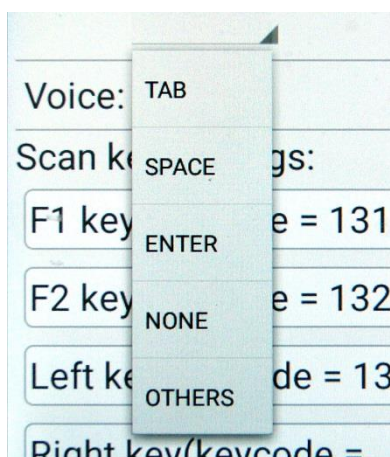
### 2.1 Prepare the Software



It is recommended to switch the scanning OFF before configuring.

### 2.2 Add a Prefix and Suffix

Prefix will give keypresses before the code, suffix will give keypresses after the code.



TAB = will jump to the next input cell in most spreadsheet software

SPACE = send space character

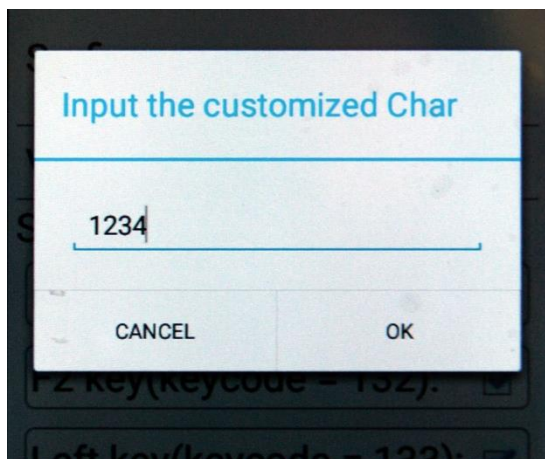
ENTER = will jump to the next line

NONE = send no prefix/suffix at all

OTHERS = this will open an input line, here you can enter any characters you like

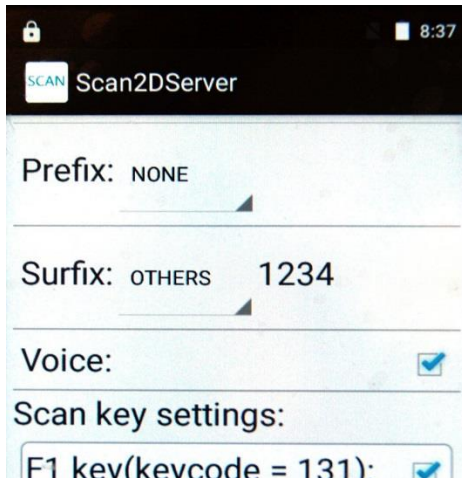
### 2.3 Add "Other" Prefix or Suffix

If you chose "OTHER" in the selection of a prefix or suffix, this input line pops up:



Enter any characters you like, e.g. a magic number or an SQL command.

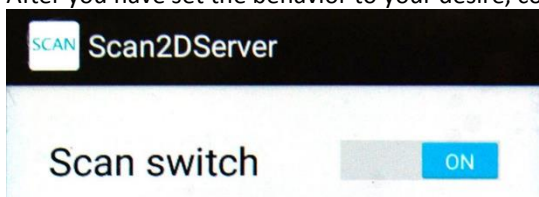
After you have confirmed with [OK] the characters will be shown in the main screen.



When you read the test codes with this setting, the output will be: <http://idtronic.de1234>

## 2.4 Save changes and activate the settings

After you have set the behavior to your desire, confirm with switching the scanner on:



If the scanner has been ON already, switch OFF, then ON.  
Only this will take over new settings.

## 2.5 Feedback to the User

### 2.5.1 UHF Server

When you press the configured scan key (e.g. [F1]) a notification appears on the screen.  
This will inform the user to place an RFID tag to the antenna area of the handheld.

### 2.5.2 2D Server

When you press the configured scan key (e.g. [F2]) the scanner light and position crossbeam is visible.  
This will inform the user, that the optical scanning is active.

### 3 Test Codes



<http://idtronic.de>



<http://idtronic.de>