

RC8 Gen2 Configuration File Formatting Guide

8/25/2025

This document describes the formatting requirements for the RC8 Gen2 configuration file. The configuration file defines settings of certain parameters in the RC8 Gen2.

File naming: Configuration files are simple text files that must start with CONFIG_SCT_RC8G2 and have a standard “.txt” extension. The characters following CONFIG_SCT_RC8G2 are not relevant to functionality but help identify files as defined by the installer.

The files must be located in the root folder of a microSD card formatted as a FAT, FAT32, or exFAT.

File Contents: The text file contains settings that can be defined by the installer. The end of this document includes a complete example file. Comments may be added as long as they are placed between /* and */. Anything between /* and */ will be ignored by the RC8 Gen2. The file contents are not case sensitive.

(1) Setting: The “setting” section will configure communication settings of the RC8 Gen2.

a. Heartbeat Timeout Interval

Example: {"hrtbt_timeout":"30"}

Command	<Param>	Function
"hrtbt_timeout":"<Param>"	10 - 60	Sets heartbeat timeout interval (in seconds) for connection with a Cisco Codec. Default value is "30"

b. Device Name

Example: {"sct_name":"SCT RC8+"}

Command	<Param>	Function
"sct_name":"<Param>"	open text field	Sets the name reported to Cisco Codec (100 characters maximum). Default value is "SCT RC8 Gen2"

Using a Configuration file:

1. Insert the microSD card into the RC8 Gen2 front slot.
2. Turn on DIP switch 4 to enable the configuration file.

Note: microSD card must remain installed to use a configuration file.

Sample Config File on following page

```
/* RC8 Gen2 Configuration file */
```

```
{  
  "setting": [  
    {"hrtbt_timeout": "30"}, /* Sets the heartbeat timeout interval (in seconds) for connection with a Cisco Codec, (10-60) */  
    {"sct_name": "SCT RC8 Gen2"}], /* Sets the name reported to Cisco codec. 100 characters maximum. Customize to be more descriptive if  
desired (e.g. "Left QuadCam") */  
  ]  
}
```