

# RTK-USB3 Configuration File Formatting Guide

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This document describes the formatting requirements for the RTK-USB3 configuration file.

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

Example configuration file: CONFIG\_SCT\_default.txt

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 two main sections identified as the “setting” section and external source “extsrc” section. 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 RTK-USB3. The file contents are not case sensitive.

**(1) Setting:** The “setting” section will configure native Cisco Codec communication settings of the RTK-USB3.

## a. Heartbeat Timeout

Example: {"hrtbt\_timeout":"30"}

Command	<Param>	Function
"hrtbt_timeout":"<Param>"	10 - 60	Sets the heartbeat timeout interval (in seconds)

## b. SCT Reported Name

Example: {"sct\_name":"SCT RTK-USB3"}

Command	<Param>	Function
"sct_name":"<Param>"	<open field>	Sets the device name reported to Cisco codec. 100 characters maximum.

## c. SCT Registered Device Type

Example: {"sct\_reg\_type":"TableExtender"}

Command	<Param>	Function
"sct_reg_type":"<Param>"	<open field>	Sets the device type of RTK-USB3 registered to Cisco codec. Valid options are AudioAmplifier, AudioMicrophone, Byod, Camera, ControlSystem, Other, TableExtender, TouchPanel, RoomScheduler, PersistentWebApp, VideoSwitcher

**(2) External Source:** The “extsrc” section defines the names that get populated to the Cisco touch panel buttons created by the RTK-USB3.

## a. Source 1

Example: {"source1":"HDMI1", "name":"SCT-HDMI1", "type":"PC"}

Command	<Param>	Function
"source1":"<Param1>", "name":"<Param2>", "type":"<Param3>"	<open field>	Sets the port name registered to Cisco Codec. 40 characters maximum.
	<open field>	Sets the button label registered to Cisco Codec. 40 characters maximum.
	camera desktop document_camera mediaplayer PC whiteboard other	Sets the device type registered to Cisco Codec.

## b. Source 2

Example: {"source2":"HDMI2", "name":"SCT-HDMI2", "type":"PC"}

Command	<Param>	Function
"source2":"<Param1>", "name":"<Param2>", "type":"<Param3>"	<open field>	Sets the port name registered to Cisco Codec. 40 characters maximum.
	<open field>	Sets the button label registered to Cisco Codec. 40 characters maximum.
	camera desktop document_camera mediaplayer PC whiteboard other	Sets the device type registered to Cisco Codec.

## c. Source 3

Example: {"source3":"HDMI3", "name":"SCT-HDMI3", "type":"PC"}

Command	<Param>	Function
"source3":"<Param1>", "name":"<Param2>", "type":"<Param3>"	<open field>	Sets the port name registered to Cisco Codec. 40 characters maximum.
	<open field>	Sets the button label registered to Cisco Codec. 40 characters maximum.
	camera desktop document_camera mediaplayer PC whiteboard other	Sets the device type registered to Cisco Codec.

## d. Source 4

Example: {"source4":"USBC", "name":"SCT-USBC", "type":"PC"}

Command	<Param>	Function
"source4":"<Param1>", "name":"<Param2>", "type":"<Param3>"	<open field>	Sets the port name registered to Cisco Codec. 40 characters maximum.
	<open field>	Sets the button label registered to Cisco Codec. 40 characters maximum.
	camera desktop document_camera mediaplayer PC whiteboard other	Sets the device type registered to Cisco Codec.

### Loading a Configuration file:

1. Insert the microSD card into the RTK-USB3-RX front slot.
2. Press and hold the Function button for 5 seconds until the green FW LED flashes 3 times.
3. Release button.
4. Configuration file loading is complete when the FW LED returns to slowly flashing green.
5. The microSD card can be removed at this point, if desired.

/\* RTK-USB3 Configuration file \*/

{

"setting":[

{"hrtbt\_timeout":"30"}, /\* Sets the heartbeat timeout interval (in seconds) for connection with a Cisco Codec, (10-60) \*/

{"sct\_name":"SCT RTK-USB3"}, /\* Sets the name reported to Cisco codec. 100 characters maximum. Customize to be more descriptive if desired (e.g. "Room 101 SCT RTK-USB3") \*/

{"sct\_reg\_type":"TableExtender"}], /\* Sets the device type of the RTK-USB3 registered into the Cisco codec. Valid options: AudioAmplifier, AudioMicrophone, Byod, Camera, ControlSystem, Other, TableExtender, TouchPanel, RoomScheduler, PersistentWebApp, VideoSwitcher \*/

"extsrc":[

{"source1":"USBC1","name":"SCT-USBC1","type":"PC"}, /\*Sets the name and type registered to the Cisco codec external sources. 40 characters maximum. Available parameter for the source type: camera, desktop, document\_camera, mediaplayer, PC, whiteboard, other.\*/

{"source2":"USBC2","name":"SCT-USBC2","type":"PC"}, /\*Sets the name and type registered to the Cisco codec external sources. 40 characters maximum. Available parameter for the source type: camera, desktop, document\_camera, mediaplayer, PC, whiteboard, other.\*/

{"source3":"USBC3","name":"SCT-USBC3","type":"PC"}, /\*Sets the name and type registered to the Cisco codec external sources. 40 characters maximum. Available parameter for the source type: camera, desktop, document\_camera, mediaplayer, PC, whiteboard, other.\*/

{"source4":"HDMI","name":"SCT-HDMI","type":"PC"}] /\*Sets the name and type registered to the Cisco codec external sources. 40 characters maximum. Available parameter for the source type: camera, desktop, document\_camera, mediaplayer, PC, whiteboard, other.\*/

}