RTK-AM1 Configuration File Formatting Guide

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This document describes the formatting requirements for the RTK-AM1 configuration file. The configuration file defines settings of the RTK-AM1.

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_AM1 are not relevant to functionality but help identify files as defined by the installer. Example configuration file: CONFIG_SCT_AM1_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-AM1. The file contents are not case sensitive.

(1) Setting: The "setting" section will configure native Cisco Codec communication settings of the RTK-AM1.

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-AM1"}

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

(2) External Source: The "extsrc" section defines the names that get populated to the Cisco touch panel buttons created by the RTK-AM1.

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-AM1-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-AM1 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-AM1"}], /* Sets the name reported to Cisco codec. 100 characters maximum. Customize to be more descriptive if desired (e.g. Rear Precision 60") */

"extsrc":[
{"source1":"HDMI1","name":"SCT-HDMI1","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":"HDMI2","name":"SCT-HDMI2","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":"HDMI3","name":"SCT-HDMI3","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":"USBC","name":"SCT-USBC","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.*/
}
```