



Q: What do the DIP switches do?

A: The following chart shows the functions of the 4 position DIP switch:

Switch	Function	OFF	ON
1	Codec Communications (RS-232)	Disabled	Enabled
2	Codec Type	Cisco	n/a
3	Reserved	-	-
4	Use microSD Configuration File	Disabled	Enabled

Q: How is the ARC Select switch used?

A: ARC (Audio Return Channel) allows the **RC8 Gen2 HE™** to send audio back to the device on the **RC8 Gen2 CE™** HDMI Input (a Cisco Quad Camera, for example). Position the switch to the right when sending audio from the codec to the Quad Camera's speaker via HDMI Output 1. Position the switch to the left when sending analog audio to the Quad Camera's speaker.

Q: What are the default settings when the Configuration File is disabled? (DIP switch 4 Off)

A: The following settings are used when the **RC8 Gen2 HE™** DIP switch 4 is off:

These settings are only applicable when Cisco Codec Communications are Enabled:

Parameter	Default Value
Heartbeat timeout interval	30 seconds
SCT device name reported to codec	SCT RC8 Gen2

Q: What is the purpose of the RS-232 port?

A: The RS-232 port can automatically report status and diagnostic data to Cisco codecs when connected with an SCT RCC-M013-1.0M 3-Pin to USB-A cable.

Q: Are there any special settings when integrating with a Cisco codec?

A: After logging into the Cisco web interface, navigate to Settings, SerialPort and verify the following parameters:

BaudRate = 115200
LoginRequired = Off
Mode = On

Be sure to click Save if you make any changes on this page.

Q: What do the LEDs indicate?

A: The LEDs on both the **RC8 Gen2 HE** and **RC8 Gen 2 CE** provide a good way to tell if the system is wired correctly and operating normally. Refer to the chart below for details.

Module	LED LABEL	LED STATUS	INDICATES
RC8 Gen2 HE	Power	Solid Green	Good Power
	FW	Blinking Green*	Good MCU Firmware
	HDCP	Blinking Green	Non-HDCP Video is Present on SCTLink
		Solid Green	HDCP Video is Present on SCTLink
		Off	No Video is Present on SCTLink
	Link	Solid Green	Linked to RC8 Gen2 CE
		Off	No Link
	Link PWR	Solid Green	Link Power is On
		Off	Link Power is Off
	Status	Blinking Green	Good Link Firmware
		Off or Solid Green	Link Firmware Error
RC8 Gen2 CE	Power	Solid Green	Good Power
	Link	Solid Green	Linked to RC8 Gen2 HE
		Off	No Link
	PoE Active	Solid Green	PoE Power Active
		Blinking Green or Off	PoE Power Off
	HDCP	Blinking Green	Non-HDCP Video is Present on SCTLink
		Solid Green	HDCP Video is Present on SCTLink
		Off	No Video is Present on SCTLink
	Status	Blinking Green	Good Link Firmware
		Off or Solid Green	Link Firmware Error

*FW blink pattern changes when performing firmware update or writing the log file. Refer to the “RC8 Gen2 Firmware/Log Guide” under the Support page at www.soundcontrol.net for details.

Q: I’m installing in a secure environment. Are there any options to be in compliance?

A: Some secure environments don’t allow memory card slots on devices. In the Tech Support Downloads section of www.soundcontrol.net there is a special version of Secure firmware that will completely and **permanently** disable the microSD slot. Note: This is not reversible.