Sound Control Technologies

RemoteCam5+™ Camera Extension
Frequently Asked Questions
Tech Support: 203-854-5701

Q: What are the HDMI specifications for the RC5+?

A: The **RC5+ CE** supports HDMI 2.0 up to 4K60 4:4:4 video including HDCP.

Q: What are the specifications for the Ethernet jack on the RC5+ CE?

A: The **RC5+ CE** supports 100 Mbps and 1 Gbps ethernet speeds, and supplies PoE++ Class 8 power at 48VDC up to 71.3W for a wide variety of cameras and videobars. At full 100m Link cable distances the maximum PoE power drops to 66W due to losses in the cabling.

Q: What are the specifications for the Power Out connector on the RC5+ CE?

A: The **RC5+ CE** DC plug supplies +12VDC up to 4A for powering a camera or videobar.

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	Link Test Mode	Disabled	Enabled
4	Use microSD Configuration File	Disabled	Enabled

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

A: The following settings are used when the **RC5+ HE™** DIP switch 8 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 RC5+

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
Outbound Mode = Off

Be sure to click Save if you make any changes on these pages.

Q: What do the LEDs indicate?

A: The LEDs on both the **RC5+ CE** and **RC5+ HE** 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	STATUS	INDICATES
RC5+ HE	Power	Solid Green	Good Power
	Status	Blinking Green	Good Link Firmware
	FW*	Blinking Amber	Good MCU Firmware & No HDMI Present
		Blinking Green	Good MCU Firmware & HDMI Present
		Blinking Red	DIP switch 4 is on but no valid configuration file is on microSD card, or microSD card is not installed
	Link	Solid Green	Linked to RC5+ CE
	Link PWR	Solid Green	Link Power Active
RC5+ CE	Power	Solid Green	Good Power
	Status	Blinking Green	Good Link Firmware
	FW	Blinking Green	Good MCU Firmware
	Link	Solid Green	Linked to RC5+ HE
	PoE Active	Solid Green	PoE Power Active
	Left Ethernet LED	Solid Amber	100 Mbps Connection to Camera (blinking when there is activity)
	Right Ethernet LED	Solid Green	1 Gbps Connection to Camera (blinking when there is activity)

*FW blink pattern changes when performing firmware update or writing the log file. Refer to the "RC5+ Firmware/Log Guide" under the Support page at www.soundcontrol.net for details. In Link Test Mode (DIP 3 On) the functionality of the FW LED changes.

Q: What does the FW LED indicate in Link Test Mode?

A: When in Link Test mode (DIP 3 On) the FW LED acts as follows:

STATUS	INDICATES
Blinking Green	Link health is Good
Blinking Amber	Link health is Fair
Blinking Red	Link health is Poor

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.