



Sound Control Technologies

RC8 Gen2™ Product Specification

Updated: 08/06/2025

Sound Control Technologies (SCT) Camera Extension Kits are designed to streamline the installation of digital video PTZ camera systems. By simplifying complex cabling and extending traditional distance limitations up to 100m, SCT's extension kits provide integrators with cost and time saving solutions.

KEY FEATURES

- Extends power to cameras and assembly (no factory camera PSU required), PTZ control, dual video, and dual channel audio over a CAT6 cable between 10m-100m.
- 1x2 HDMI Distribution Amplifier.
- RS232 port automatically sends status and diagnostic data to Cisco codecs.
- Simple Plug & Play installation, no programming required.
- Two port Ethernet switch at RC8 Gen2 HE Head End Module for control expansion.
- Selectable ARC/Analog sends audio to Cisco Quad Camera speaker via existing HDMI channel.
- Allows pass-through of manufacturer firmware updates from codec to camera.
- All hardware-specific camera and codec connection cables included.
- PowerSniffer included for testing SCTLINK™ cable conductor continuity.

TECHNICAL SPECS

- Video Format: HDMI, up to 4K@30, 2x dual buffered outputs with HDCP support up to V2.2
- Audio In/Out (RC8 Gen2 HE): 3.5mm TRS Jacks, Stereo Line Level Unbalanced
- ARC Analog Audio In (RC8 Gen2 HE): 3.5mm TRS Jack, Stereo Line Level Unbalanced
- Ethernet Connectivity (RC8 Gen2 CE): Single 10/100 Port

- Ethernet Connectivity (RC8 Gen2 HE): 10/100 Two Port Layer 2 Ethernet Switch
- RS-232 (RC8 Gen2 HE): 3-Pin Terminal Block for Codec integration
- Power Out (RC8 Gen2 CE): 4 Pin-Din, 12VDC

SCTLINK™ CABLE SPECS

SCT requires CAT6 or better shielded cable for the SCTLINK™.

Proper termination and testing, along with good cable management, minimizes potential problems.

Wiring Termination Standard T568A or T568B
10m Minimum - 100m Maximum Length

Power Consumption A linked kit will consume 14W, plus the power consumption of attached camera.

MODULE & POWER SUPPLY SPECS

RC8-CE™ Camera End Module

- Imperial Dims: H: 1.6" x W: 7.35" x D: 4.35"
- Metric Dims: H: 40mm x W: 186mm x D: 110mm
- Weight: 0.8 lbs / 363g

RC8-HE™ Head End Module

- Imperial Dims: H: 1.34" x W: 10.08" x D: 4.33"
- Metric Dims: H: 34mm x W: 256mm x D: 110mm
- Weight: 1.0 lbs / 468g

WPS-48V2.5A™ Power Supply (Included)

- Imperial Dims: H: 1.0" x W: 2.98" x D: 5.96"
- Metric Dims: H: 25mm x W: 75mm x D: 151mm
- Weight: 0.84 lbs / 380g
- Input: 100 to 240VAC, 50Hz-60Hz, 1.8A Max
- Output: 48VDC, 2.5A Max
- Output Connector: 3 Pin-Din
- Regulatory Approvals: UL, CE, FCC, CCC, TÜV, RCM & RoHS

SUPPORTED DEVICES

<https://www.soundcontrol.net/product/rc8-hdmi-power-ethernet-extension-for-cisco-quad-camera/>

Cameras

Cisco Quad Camera

Codecs

Cisco SX80, Codec EQ, Codec Plus & Codec Pro

CAMERA-SPECIFIC MOUNTS

RC-CUBBY-CQC™ Conceal Wall Mount

<https://www.soundcontrol.net/product/rc-cubby-series-conceal-mounts>

RCP-CQC™ Pole Mount

<https://www.soundcontrol.net/product/rcp-series-camera-pole-mounts>

RCM-CQC™ 2-Gang Wall Mount

<https://www.soundcontrol.net/product/rcm-series-on-wall-mounts>

RACK SHELVES

RC-RKF2™ 2RU Rack Shelf for Cross-View Applications

<https://www.soundcontrol.net/product/purpose-built-rack-shelves>

- Designed to mount the two RC5-HE™ and one RC8-HE™ modules and power supplies.

RC-RKF3™ 2RU Rack Shelf for Codec EQ Applications

<https://www.soundcontrol.net/product/purpose-built-rack-shelves>

- Designed to mount the Codec EQ and various RC5-HE™, RC8-HE™, RC5+ HE™, RTK-RX™ RTK-MINI-RX™, RTK-8CP-RX™, and RC-SDA5+ HE™ modules and power supplies.

PRODUCT WARRANTIES

www.soundcontrol.net/support

Included: 3 Year Standard
Advance Replacement
Limited Warranty

Available: 2 Year Extended
Advance Replacement
Limited Warranty



SOLUTION FINDER

Not sure where to start? Try our Solution Finder!
www.soundcontrol.net/solution-finder

BUILT IN AMERICA



WITH U.S. & GLOBAL PARTS

TAA COMPLIANT

