



Sound Control  
Technologies

## RC5 Gen2™ Series Product Specification

Updated: 1/21/2025

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 (no factory camera PSU required), PTZ control and video over a CAT5e/CAT6 cable between 10m-100m.
- Specifically supports Ethernet-controlled cameras.
- Ethernet streaming video supported on 10/100 capable devices
- Simple Plug & Play installation, no programming required.
- RS-232 port automatically sends status and diagnostic data to Cisco codecs.
- 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.
- Integrator only required to provide Category SCTLink™ Cable.

### TECHNICAL SPECS

- Video Format: HDMI, up to 4K@30 with HDCP support up to V2.2
- Ethernet Connectivity (RC5-CE™): Single 10/100 Port
- Ethernet Connectivity (RC5 Gen2 HE™): 10/100 Two Port Layer 2 Ethernet Switch
- Power Out (RC5-CE™): 12VDC, 3.5A Max, 5.5x2.5mm DC Jack

### SCTLINK™ CABLE SPECS

Cable Type	Max Video resolution	Range (typical)
CAT6A	4K@30Hz	100m
CAT5e/CAT6	4K@30Hz	70m
	1080p@60Hz	100m

### Wiring Termination Standard

T568A or T568B

10m Minimum - 100m Maximum Length

### Power Consumption

A linked kit will consume 7.5W, *plus* the power consumption of the attached camera.

### MODULE & POWER SUPPLY SPECS

#### RC5-CE™ Camera End Module

- Imperial Dims: H: 0.93" x W: 2.5" x D: 3.741"
- Metric Dims: H: 23mm x W: 63mm x D: 95mm
- Weight: 0.3 lbs / 136g

#### RC5 Gen2 HE™ Head End Module

- Imperial Dims: H: 1.504" x W: 3.813" x D: 3.617"
- Metric Dims: H: 38mm x W: 96mm x D: 91mm
- Weight: 0.5 lbs / 226g

#### WPS-12™ Power Supply (Included)

- Imperial Dims: H: 1.19" x W: 1.85" x D: 4.65"
- Metric Dims: H: 30mm x W: 47mm x D: 118mm
- Weight: 0.5 lbs / 236g
- Input: 100 to 240VAC, 47-63Hz, 1.45A Max
- Output: 30VDC, 2A Max
- Output Connector: 5.5mm x 2.5mm DC Barrel
- Regulatory Approvals:  
UL, CE, FCC, CCC, TÜV, RCM+GEMS, LPS, BIS, PSE, CB, DoE VI, CoC V5 & RoHS2

## SUPPORTED DEVICES

### Cameras

Visit our Solution Finder at  
[www.soundcontrol.net/solution-finder](http://www.soundcontrol.net/solution-finder)

## CAMERA-SPECIFIC MOUNTS

### RCM™ Series On-Wall Mounts

[www.soundcontrol.net/products/camera-mounts/rcm-on-wall-mounts](http://www.soundcontrol.net/products/camera-mounts/rcm-on-wall-mounts)

- Integrate mounting of the camera and the RC5-CE™ Camera End Module.
- Camera plates are laser cut to match the contour of the camera base.
- Cleanest mounting solution available, using an integrator-supplied US standard 2-Gang Box or Low Voltage Ring.
- Provides cable concealment and ease of installation.
- An RCW™ Series variant is also available for masonry or other solid walls where a 2-Gang Box or Low Voltage Ring cannot be used.

### RCR™ Series In-Wall Recessed Mounts

[www.soundcontrol.net/products/camera-mounts/rcr-recessed-mounts](http://www.soundcontrol.net/products/camera-mounts/rcr-recessed-mounts)

- Integrate mounting of the camera and the RC5-CE™ Camera End Module.
- Three-piece all-metal solution with a common back box and bezel.
- Camera plates are laser cut to match the contour of the camera base.
- Camera plate has depth mounting options to meet specific requirements.
- Designed to meet ADA compliance in most cases (camera dependent).

### RCS™ Series Sheetrock Ceiling Mounts

[www.soundcontrol.net/products/camera-mounts/rcs-sheetrock-ceiling-mounts](http://www.soundcontrol.net/products/camera-mounts/rcs-sheetrock-ceiling-mounts)

- Integrate mounting of the camera and the RC5-CE™ Camera End Module.
- Three-piece all-metal solution with a common Backbox.
- Camera specific with a custom cradle or a ¼ 20 bolt to securely hold the base of the camera.

### RCT™ Series T-Bar Ceiling Mounts

[www.soundcontrol.net/products/camera-mounts/rct-t-bar-ceiling-mounts](http://www.soundcontrol.net/products/camera-mounts/rct-t-bar-ceiling-mounts)

- Integrate mounting of the camera and the RC5-CE™ Camera End Module.
- Three-piece all-metal solution with

a common T-Bar Bracket.

- Camera specific with a custom cradle or a ¼ 20 bolt to securely hold the base of the camera.

## RACK SHELVES

### RC-RKM™ 2RU 12" Deep Rack Shelf

[www.soundcontrol.net/product/rc-rkm-rack-shelf](http://www.soundcontrol.net/product/rc-rkm-rack-shelf)

- Designed to mount the RCU2-HE™, RC4-HE™, RC5-HE™, RC5 Gen2 HE™ RC6-HE™, RC7-HE™, RC8-HE™, RTK-RX™ and RC-SDA™ modules, specific manufacturer codecs, and power supplies.
- Leaves access to rear of modules for clean and easy cabling, while providing proper ventilation.

### RC-RK2™ 1RU 9" Deep Rack Shelf

[www.soundcontrol.net/product/rc-rk2-rack-shelf](http://www.soundcontrol.net/product/rc-rk2-rack-shelf)

- Designed to mount two of our RCU2-HE™, RC4-HE™, RC5-HE™, RC5 Gen2 HE™ and RC-SDA™ modules, and two of our WPS-12™ power supplies, while leaving access to rear of modules for clean and easy cabling.

### RC-RK4™ 1RU 14" Deep Rack Shelf

[www.soundcontrol.net/product/rc-rk4-rack-shelf](http://www.soundcontrol.net/product/rc-rk4-rack-shelf)

- Designed to mount four of our RCU2-HE™, RC4-HE™, RC5-HE™, RC5 Gen2 HE™ and RC-SDA™ modules, and four of our WPS-12™ power supplies, while leaving access to rear of modules for clean and easy cabling.

## PRODUCT WARRANTIES

[www.soundcontrol.net/support](http://www.soundcontrol.net/support)

**Included:** 3 Year Standard  
Advance Replacement  
Limited Warranty

**Available:** 2 Year Extended  
Advance Replacement  
Limited Warranty

