



Sound Control Technologies

RemoteCam5+™ Series Product Specification

Updated: 6/20/2025

SCT's RC5+ Camera Extension Kit is designed to streamline the installation of digital video PTZ cameras requiring Ethernet control.

Supporting 4K60 4:4:4 video and PoE++ camera power, the RC5+ simplifies installations of large, high resolution cameras.

KEY FEATURES

- Extends power (no factory camera PSU required), PTZ control and video over a CAT6A U/FTP up to 100m.
- Specifically supports Ethernet-controlled cameras.
- Ethernet streaming video supported on 100/1000 capable devices.
- Simple Plug & Play installation, no programming required.
- Allows pass-through of manufacturer firmware updates from codec to camera.
- RS232 port automatically sends status and diagnostic data to Cisco codecs.
- All hardware-specific camera and codec connection cables included.
- PowerSniffer included for testing SCTLink2™ cable conductor continuity.
- Integrator only required to provide CAT6A U/FTP SCTLink2™ Cable.

TECHNICAL SPECS

- Video Format: HDMI, up to 4K@60 4:4:4. HDCP support up to v2.2
- Ethernet Connectivity (RC5+ CE™): Single 100/1000 Port with PoE++ Class 8 power up to 71.3W. At 100m SCTLink2™ cable distance the maximum PoE power delivery to the camera is 66W.
- Ethernet Connectivity (RC5+ HE™): 100/1000 two Port Layer 2 Ethernet Switch
- Power Out: 12VDC, 4A Max (48W), 5.5x2.5mm DC Jack

SCTLINK2™ CABLE SPECS

Cable Type	Max Video resolution	Range (typical)
CAT6A (U/FTP)	4K/60Hz/4:4:4	100m
	4K/60Hz/4:2:0 HDR 12bit	100m
CAT6A (F/UTP)	4K/60Hz/4:4:4	70m
	4K/60Hz/4:2:0	100m
CAT5e/CAT6 (UTP)	4K/60Hz/4:4:4	40m
	4K/60Hz/4:2:0 HDR 12bit	70m

The above guidelines represent what has been tested to consistently and reliably operate properly at the given resolutions. While not as critical when the cable length is shorter, as the length of the cable increases, the necessity for proper cable management and termination practices also increases. Actual system performance may be dependent on cable manufacturers' adherence to published specifications.

For best results, please refer to the following best practices during the installation of cabling:

- Adhere to minimum bend radius for the chosen cabling.
- Avoid coiling of cable (coiling can result in crosstalk)
- Properly terminate shielded cable with shielded connectors and connect the shield at both ends.
- Avoid tightly bundling cables with other cables to avoid crosstalk interference.
- If 4:4:4 video is not needed, consider lowering to a 4:2:0 resolution.
- If 4K video is not needed, consider lowering to an HD resolution.
- Isolate the cable from other noisy power cables or other sources of EMI.

Any one of the above factors may not affect proper operation on its own, but when added together they can have a cumulative effect in increasing (or reducing) performance.

Wiring Termination Standard

T568A or T568B

100m Maximum Length (No Minimum)

Power Consumption

A linked kit will consume 12.9W, *plus* the power consumption of the attached camera.

MODULE & POWER SUPPLY SPECS

RC5+ CE™ Camera End Module

- Imperial Dims: H: 0.9" x W: 3.2" x D: 5.7"
- Metric Dims: H: 23mm x W: 82mm x D: 145mm
- Weight: 0.4 lbs / 202g

RC5+ HE™ Head End Module

- Imperial Dims: H: 1.5" x W: 4.5" x D: 4.6"
- Metric Dims: H: 38mm x W: 114mm x D: 117mm
- Weight: 0.6 lbs / 267g

WPS-48™ 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 & RoHS2

SUPPORTED DEVICES

www.soundcontrol.net/product/rc5uni/

CAMERA-SPECIFIC MOUNTS

RC-CUBBY™ Series On-Wall Mounts

<https://www.soundcontrol.net/products/camera-mounts/rc-cubby-on-wall-mounts>

- Custom designed Backbox and camera plate (laser cut to match the contour of the assembly base).
- Boasts an extremely clean look with a simple one-person installation technique and easy cable management.

RCS™ Series Sheetrock Ceiling Mounts

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

- 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

- Designed to mount multiple modules, specific manufacturer codecs, and power supplies.
- Leaves access to rear of modules for clean and easy cabling, while providing proper ventilation.

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

