



Sound Control Technologies

## RCU3SL™ Platform Product Specification

Updated: 4/1/2025

Sound Control Technologies (SCT) USB camera extension kits are designed to streamline the integration of USB PTZ cameras requiring UVC or RS232 VISCA control.

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 camera power (no factory camera PSU required), PTZ control, audio and video over CAT6A cable up to 100m.
- Simple Plug & Play installation, no programming required.
- 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 CAT6A SCTLink™ Cable.
- Field-upgradable firmware via microSD Card.

### TECHNICAL SPECS

- Video Format: USB Video up to 4K@30
- UVC & RS232 Visca Camera Control
- USB Tier Usage: 1 tier (hub) per linked set
- VISCA Loop Connector (RCU3SL-CE™): RJ11 Female for Data/Power (12V Camera Power up to 3A)
- VISCA Loop Connector (RCU3SL-HE™): 8-Pin Mini DIN Female
- Control/IR Connector (RCU3SL-CE™): RJ45 Female for Data/Power (12V or 5V Camera Power up to 3A)
- Control/IR Connector (RCU3SL-HE™): 9-Pin D-Sub Male
- VISCA Control Loop: Daisy Chain Configuration with up to 7 cameras

- USB Connector (RCU3SL-CE™): Locking USB-C 3.2 Gen 1 plus Power Delivery (PD) 5V/9V/12V @3A or 15V @2.4A (36W maximum) for Data and 5V Camera Power up to 1.2A
- USB Connector (RCU3SL-HE™): Locking USB-C 3.2 Gen 1 for Host Connection
- USB Data Rate: Up to 5Gbps

### SCTLINK™ CABLE SPECS

SCT recommends CAT6A U/FTP for the SCTLink™ cable. Proper termination and testing, along with good cable management, minimizes potential problems.

**Wiring Termination Standard** T568A or T568B  
100m Maximum Length (No Minimum Length)

### Power Consumption

A linked kit will consume 6.3W, *plus* the power consumption of the attached camera.

### MODULE & POWER SUPPLY SPECS

#### RCU3SL-CE™ Camera End Module

- Imperial Dims: H: 0.789" x W: 2.264" x D: 3.725"
- Metric Dims: H: 20mm x W: 57mm x D: 94mm
- Weight: 0.2 lbs / 105g

#### RCU3SL-HE™ Head End Module

- Imperial Dims: H: 1.448" x W: 3.814" x D: 3.815"
- Metric Dims: H: 36mm x W: 96mm x D: 100mm
- Weight: 0.4 lbs / 179g

#### 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

[www.soundcontrol.net/products/camera-extension-kits/remotecamus3-platform](http://www.soundcontrol.net/products/camera-extension-kits/remotecamus3-platform)

## 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 RCU3SL-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 RCU3SL-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.
- 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 RCU3L-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 RCU3SL-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 RCU3SL-HE™, RCU2S-HE™, RC4-HE™, RC5-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 RCU3SL-HE™ RCU2S-HE™, RC4-HE™, RC5-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 RCU3SL-HE™ RCU2S-HE™, RC4-HE™, RC5-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



## SOLUTION FINDER

Not sure where to start?

Try our Solution Finder!

[www.soundcontrol.net/solution-finder](http://www.soundcontrol.net/solution-finder)

