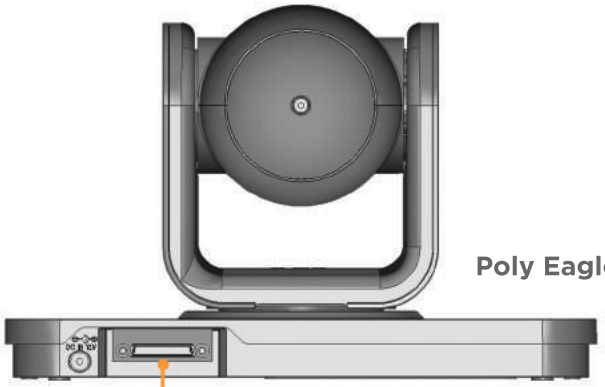
Sound Control Technologies

RC4-E4P™ Application Guide

Updated: 5/17/2021

Poly RPG300, RPG500, RPG700 & G7500

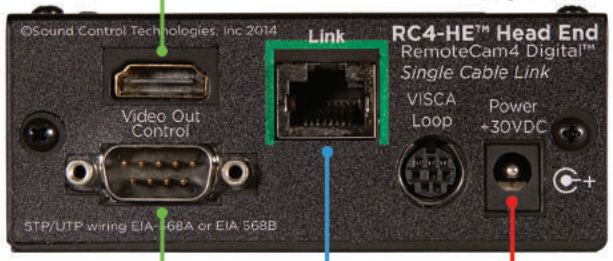


Poly EagleEye IV

RCC-H030-1.0M
HDCI Y Cable
to HDMI/DB9

RCC-C030-0.4M
Mini-HDCI Y Cable
to RJ45/HDMI

RC4-HE™



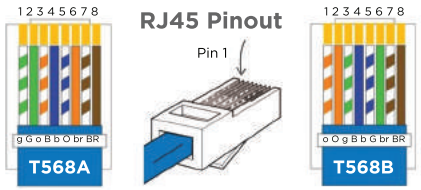
RC4-CE™

SCTLink™ Cable
Power, Control & Video

The **SCTLink™** cable must always be a single, point-to-point CAT cable with no couplers or interconnections.

WPS-12 30VDC
100-240V 47-63Hz
Power Supply

SCTLink™ Cable Specs
Integrator-Supplied CAT5e/CAT6 STP/UTP Cable
T568A or T568B (10m-100m min/max Length)



Module Dimensions
RC4-CE™: H: 0.93" (23mm) **x W:** 2.5" (63mm) **x D:** 3.741" (95mm)
RC4-HE™: H: 1.504" (38mm) **x W:** 3.813" (96mm) **x D:** 3.617" (91mm)

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RC4-E4P™ Installation Instructions

Updated: 5/17/2021

Supporting the Poly EagleEye IV and
Poly RGP300/500/700 & G7500 Codecs

TEST YOUR LINK CABLE

We highly recommend using an Ethernet Network Tester/Analyzer alongside our provided PowerSniffer to confirm your LINK cable's wiring. Our PowerSniffer only tests conductor continuity and will not identify data integrity or capacity issues.

1. Test and verify your CAT5e/CAT6 STP or UTP SCTLink™ cable for T568A or T568B.
   The SCTLink™ cable must be between 10m (minimum) and 100m (maximum) length.
2. Connect one end of the SCTLink™ cable to the "SCTLink™" connection on the Head End module.
3. Connect the other end of your SCTLink™ cable to the provided PowerSniffer.
4. Connect the WPS-12 power supply to the Head End module.
5. Connect the WPS-12 power supply to AC mains.
6. If the SCTLink™ cable is properly terminated, it will display eight GREEN LEDs.
   If you get any other result, ***stop and re-terminate cable***.
7. Once your SCTLink™ cable has been tested, please disconnect the WPS-12 power supply from the Head End module, and the PowerSniffer from the SCTLink™ cable, before proceeding to install.

INSTALL THE EXTENSION KIT

Connect the camera-end cables:

1. Connect the RCC-C030 Y Cable between the RC4-CE Camera End module and Poly EagleEye IV.
   - Connect the Mini-HDCI end to the EagleEye IV's Mini-HDCI input.
   - Connect the RJ45 branch of the Y Cable to the RC4-CE's RJ45 input labeled "Power Control".
   - Connect the HDMI branch of the Y Cable to the RC4-CE's HDMI input labeled "Video Input".

Connect the codec-end cables:

2. Connect the RCC-H030 Y Cable between the RC4-HE Head End module and the codec.
   Caution: Please ensure the connector is right-side up as it can be easily inserted 'upside down'.
   - Connect the 9Pin branch of the Y Cable to the RC4-HE's 9Pin input labeled "Control".
   - Connect the HDMI branch of the Y Cable to the RC4-HE's HDMI input labeled "Video Out".
3. Connect one end of your SCTLink™ cable to the RC4-HE module's "SCTLink™" port.
   - Connect the other end of your SCTLink™ cable to the RC4-CE module's "SCTLink™" port.
4. Connect the WPS-12 power supply to the RC4-HE's power input labeled "Power +30VDC".

Installation Status - Refer to our modules' LEDs for installation status.
For assistance troubleshooting INACTIVE LED statuses, please contact Tech Support at 203-854-5701.

MODULE	LED LABEL	ACTIVE STATUS	INACTIVE STATUS
RC4-CE	Camera Interface	Solid Green	Solid Red or Off
RC4-HE	HDCP LED	Solid Green	Off
RC4-HE	OK/LINK LED	Blinking Red > Green	Blinking Red

Cable Table - Part numbers, descriptions and functions of all SCT cables provided for the RC4-E4P™.

CABLE	DESCRIPTION	FUNCTION
RCC-C030-0.4M	HDMI/RJ45 to Mini-HDCI	Video/control connection between RC4-CE and camera.
RCC-H030-1.0M	HDMI/ DB9 to HDCI	Video/control connection between RC4-HE and codec.

Power Supply Specifications (AC-Mains Side)
Input Voltage: 100VAC to 240VAC 47Hz to 63Hz. Efficiency: 85% minimum. Turn-on Surge: Less than 60 amperes for a duration less than 1mS. Power Factor: 0.9 minimum (where applicable). 30VDC power supply uses 1.45 amperes AC maximum. All specifications subject to change without notice.