SCTLink™ Cable Specs
Integrator-Supplied CAT6 STP/FUTP Cable
EIA568A/EIA568B (10m-100m Min/Max Length)

Important: Due to the power demands of Cisco’s QuadCam, it is best practice to utilize SCT’s provided RC-RKL™ rack shelf to facilitate ventilation.

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

Power, Control, Audio & Video

Module Dimensions
RC8-CE™: 1.625”H x 7.5”W x 4.375”D
RC8-HE™: 1.375”H x 9.25”W x 5.375”D
**TEST YOUR SCTLink™ CABLE**

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

1. Test and verify your CAT6 STP or FUTP SCTLink™ cable for EIA568A/EIA568B. 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-48 power supply to the Head End module.
5. Connect the WPS-48 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-48 power supply from the RC8-HE 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-C014 HDMI cables between the Quad Camera’s HDMI 1 & 2 connectors (angled end) and the RC8-CE’s “HDMI 1” and “HDMI 2” ports.
2. Connect the RCC-C037-0.3M UTP cable between the Quad Camera’s RJ45 Ethernet port (angled end) and the RC8-CE’s Ethernet port.
3. Connect the PPC-018 power cable between the Quad Camera’s power connector and the RC8-CE’s “+12VDC Output” port.

**Connect the codec-end cables:**

4. Connect two 3ft RCC-H001 HDMI cables between the codec’s HDMI camera inputs and the RC8-HE’s corresponding “HDMI Out 1 A” and “HDMI Out 2 A” port.
5. Connect the 3ft RCC-H016 UTP control cable between the codec’s RJ45 camera Ethernet port and the RC8-HE’s “Ethernet 1”.

**Connect and Initiate the Extended System:**

6. Connect one end of your SCTLink™ cable to the RC8-HE module’s blue “SCTLink™” port.
7. Connect the other end of the SCTLink™ cable to the RC8-CE module’s blue “SCTLink™” port.
8. Connect the WPS-48 power supply to the RC8-HE.

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**Installation Status**

- Refer to our modules’ LEDs for installation status.

For assistance troubleshooting INACTIVE LED statuses, please contact Tech Support at 203-854-5701.

<table>
<thead>
<tr>
<th>MODULE</th>
<th>LED LABEL</th>
<th>ACTIVE STATUS</th>
<th>INACTIVE STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC8-CE</td>
<td>OK LED 1 &amp; 2</td>
<td>Blinking Green (-1 second interval)</td>
<td>Blinking or Solid Red</td>
</tr>
<tr>
<td>RC8-HE</td>
<td>OK LED 1 &amp; 2</td>
<td>Blinking Green (-1 second interval)</td>
<td>Blinking or Solid Red</td>
</tr>
<tr>
<td>RC8-HE</td>
<td>LINK LED</td>
<td>Solid Blue</td>
<td>Solid Red or Dormant</td>
</tr>
<tr>
<td>RC8-HE</td>
<td>HDCP 1 &amp; 2</td>
<td>Blinking Green</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Cable Table**

- Part numbers, descriptions and functions of all SCT cables provided for the RC8-CQC™. This kit is also inclusive of [1] RC-RKL™ Rack Shelf.

<table>
<thead>
<tr>
<th>CABLE</th>
<th>DESCRIPTION</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCC-C037-0.3M</td>
<td>1’ Angled UTP Cable</td>
<td>Control connection (Ethernet) between Quad Camera and RC8-CE module.</td>
</tr>
<tr>
<td>PPC-018</td>
<td>1’ Power Cable</td>
<td>Power connection between Quad Camera and RC8-CE module.</td>
</tr>
<tr>
<td>RCC-H016</td>
<td>3’ UTP Cable</td>
<td>Control connection (Ethernet) between the codec and RC8-HE module.</td>
</tr>
</tbody>
</table>

**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). 48VDC power supply uses 2.80 amperes AC maximum. All specifications subject to change without notice.

**TECH SUPPORT:** 203-854-5701 • WWW.SOUNDCONTROL.NET • © SOUND CONTROL TECHNOLOGIES, INC