**Module Dimensions**

**RC7-CE™**: 1.625"H x 6.625"W x 4.625"D  
**RC7-HE™**: 1.625"H x 8.875"W x 4.625"D

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**RC7-PD2™ Application Guide**

**Poly Director II**

**SCTLink™ Cable Specs**
Integrator-Supplied CAT6 STP/UTP Cable  
EIA568A or EIA568B (10m-100m min/max Length)

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

**RCC-C016-0.3M**  
Audio Cable

**PPC-015-0.4M**  
Power Cable

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**Important:** Due to the power demands of Poly's Director II, it is best practice to utilize SCT's provided RC-RKM™ rack shelf to facilitate ventilation.

**SCTLink™ Cable**
Power, Control, Audio & Video  
The SCTLink™ cable must always be a single, point-to-point CAT cable with no couplers or interconnections.

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**WPS-48 48VDC**  
100-240V-47-63Hz Power Supply

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Optional 3rd Party Audio Input

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Optional 3rd Party Audio Output  
(Please Note: Not a Loop Out)

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Poly Supplied Audio Cable #2457-69476-001  
3.5mm Adapter #1517-09350-001

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3rd Party Device

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**RCC-H030-1.0M**  
HDCI to HDMI/DB9

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**Poly RPG300, RPG500, RPG700 & RPG7500**
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 UTP SCTLink™ cable for EIA568A or 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 RC7-HE module, and the PowerSniffer from the SCTLink™ cable, before proceeding to install.

INSTALL THE EXTENSION KIT

Before integrating your RC7-PD2™ extension kit, please ensure your Poly EagleEye Director II base is connected to your two EagleEyeIV cameras (Power and Ethernet connections) via Poly’s instructions.

Connect the camera-end cables:

1. Connect the RCC-C030 mini-HDCI end to the mini-HDCI input on the EagleEye Director II base.
   - Connect the RCC-C030 HDMI leg cable to the RC7-CE’s HDMI “HDMI In” port.
   - Connect the RJ45 leg cable to the RC7-CE’s “Power Serial/IR” port.
2. Connect the RCC-C016 1’ Audio Cable between the RC7-CE “Line Out” port and the EagleEye Director II’s audio TRS input.
3. Connect the PPC-015 Power Cable between the EagleEye Director II’s power input and the RC7-CE’s power input, labeled “+12VDC Output”.
4. Connect the RCC-H030’s HDCI end to the primary HDCI input on the Group Series codec.
   - Connect the HDMI leg cable to the RC7-HE’s HDMI “Output 1” port.
   - Connect the 9Pin leg cable to the RC7-HE’s port labeled ‘Serial/IR’.
5. Connect the Polycom supplied audio cable between the RC7-HE’s “Line In” port and the Group Series Codec’s audio inputs.

Connect and Initiate the Extended System:

6. Connect one end of your CAT6 SCTLink™ cable to the RC7-HE module’s “SCTLink™” port. Connect the other end to the RC7-CE module’s “SCTLink™” port.
7. Connect the WPS-48 Power Supply to the RC7-HE.

**ALLOW UP TO TWO MINUTES FOR THE EAGLEEYE DIRECTOR II SYSTEM TO INITIALIZE**

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>RC7-CE</td>
<td>OK LED</td>
<td>Blinking Green (~1 second interval)</td>
<td>Blinking or Solid Red</td>
</tr>
<tr>
<td>RC7-HE</td>
<td>OK LED</td>
<td>Blinking Green (~1 second interval)</td>
<td>Blinking or Solid Red</td>
</tr>
<tr>
<td>RC7-HE</td>
<td>LINK LED</td>
<td>Solid Green</td>
<td>Solid Red or Dormant</td>
</tr>
</tbody>
</table>

Cable Table - Part numbers, descriptions and functions of all provided SCT cables. This kit includes [1] RC-RKM™ Rack Shelf.

<table>
<thead>
<tr>
<th>CABLE</th>
<th>DESCRIPTION</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCC-C030-0.4M</td>
<td>HDMI/RJ45 to Mini-HDCI Cable</td>
<td>Video/control connection between Director II base and RC7-CE Module.</td>
</tr>
<tr>
<td>RCC-C016-0.3M</td>
<td>Audio Cable</td>
<td>Audio connection between Director II base and RC7-CE module.</td>
</tr>
<tr>
<td>PPC-015-0.4M</td>
<td>Power Cable</td>
<td>Supplies power from RC7-CE module to the Director II base.</td>
</tr>
<tr>
<td>RCC-H030-1.0M</td>
<td>HDMI/ DB9 to HDCI</td>
<td>Video/control connection between RPG Series Codec and RC7-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

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