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

RC7-C030
HDMI/RJ45 to Mini-HDCI Cable

RC7-C016
1’ Audio Cable

RJ45 Pinout
Pin 1

T-568A
T-568B

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

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

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

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

Optional
Optional 3rd Party Audio Input

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

RCC-H030
HDCI to HDMI/DB9

RCC-C016
1’ Audio Cable

PPC-015
1’ Power Cable

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

Poly RPG300, 500, 700 & 7500

RC7-PD2™ Application Guide

Poly Director II

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

Connect the codec-end cables:

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>

**Module LED Label Status**

- Blinking Green (~1 second interval): Module is functioning properly and is connected to the network.
- Blinking or Solid Red: Module is not functioning properly or is not connected to the network.
- Solid Green: Module is functioning properly and is connected to the network.
- Solid Red or Dormant: Module is not functioning properly or is not connected to the network.

**Cable Table**

- **RCC-C030**: HDMI/RJ45 to Mini-HDCI Cable
  - Function: Video/control connection between Director II base and RC7-CE Module.
- **RCC-C016**: Audio Cable
  - Function: Audio connection between Director II base and RC7-CE module.
- **PPC-015**: Power Cable
  - Function: Supplies power from RC7-CE module to the Director II base.
- **RCC-H030**: 3’ HDMI/ DB9 to HDCI
  - Function: Video/control connection between RPG Series Codec and RC7-HE module.

**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.

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