Thank you for choosing the Sound Control Technologies’ RemoteCam4™ camera integration kit!

Included in each RemoteCam4™ kit will be:

- **1 Power Supply & cord** (Currently all RemoteCam4™ Kits utilize the WPS-12) to provide power for the RemoteCam4™ electronics as well as the remote camera up to 300’ from the head end. The power supply is AC 100-240V~47-63HZ compliant.

- **1 RemoteCam4™ Head End Module** (RC4-HE) which provides system power, control interface (HDMI CEC, RX, TX, GND & IR) for the camera & one HDMI video output for the codec.

- **1 RemoteCam4™ Camera Module** with **PowerSniffer™** (RC4-CE) that provides camera power, control (HDMI CEC, RX, TX, GND & IR) and HDMI video input for the camera.

- **Documentation**

- **Specific cables** (Part number according to the following chart)

<table>
<thead>
<tr>
<th>Company</th>
<th>Codec</th>
<th>Camera</th>
<th>SCT Kit</th>
<th>Cables</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cisco</td>
<td>C40, C60, C90 &amp; SX80</td>
<td>PrecisionHD 1080p 12X, 4xS1 &amp; 720p</td>
<td>RC4-PHD</td>
<td>RCC-C001/RCC-C002/RCC-C003/RCC-H001/RCC-H003/RCC-H004</td>
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<tr>
<td></td>
<td>SX20</td>
<td>PrecisionHD 1080p 12x</td>
<td>RC4-PSA</td>
<td>RCC-C001/RCC-C002/RCC-H009</td>
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<td></td>
<td>C40, C60, C90 &amp; SX80</td>
<td>PrecisionHD 1080p 4xS2, 2.5x</td>
<td>RC4-PSB</td>
<td>RCC-C009/RCC-H001/RCC-H003</td>
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<td></td>
<td>SX20</td>
<td>PrecisionHD 1080p 4xS2, 2.5x</td>
<td>RC4-PSX</td>
<td>RCC-C009/RCC-H009</td>
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<tr>
<td>Lifesize</td>
<td>220</td>
<td>10X Camera S</td>
<td>RC4-L22</td>
<td>RCC-C001/RCC-C002/RCC-C003/RCC-H001/RCC-H003/RCC-H004</td>
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<tr>
<td></td>
<td>Icon 600</td>
<td></td>
<td></td>
<td>RCC-H001/RCC-H010/RCC-H004</td>
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<td></td>
<td>Icon 800</td>
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<tr>
<td>Panasonic</td>
<td>Generic Controller</td>
<td>AW-HE130</td>
<td>RC4-P13</td>
<td>RCC-C001/RCC-C006/RCC-C008</td>
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<td></td>
<td></td>
<td>AW-HE40</td>
<td>RC4-P40</td>
<td>RCC-H001/RCC-H010/RCC-H004</td>
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<tr>
<td>Polycom</td>
<td>Group Series 300, 500 &amp; 700</td>
<td>EagleEye IV</td>
<td>RC4-E4P</td>
<td>RCC-C030/RCC-H030</td>
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<tr>
<td>Avaya/Radvision</td>
<td>XT5000/XT7100</td>
<td>EVI-HD7</td>
<td>RC4-R5X</td>
<td>RCC-C004/RCC-C005/RCC-H001/RCC-H004/RCC-H005/RCC-H006</td>
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<tr>
<td></td>
<td>XT1000/XT1200</td>
<td>EVI-HD3</td>
<td>RC4-RHD</td>
<td>RCC-C004/RCC-C005/RCC-C006/RCC-H001/RCC-H005/RCC-H005/RCC-H006</td>
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<tr>
<td>Cisco</td>
<td>C40, C60, C90, SX80</td>
<td>EVI-HD3/VDI/EVI-HD7/VDI</td>
<td>RC4-SHC</td>
<td>RCC-C004/RCC-C005/RCC-C006/RCC-H001/RCC-H003/RCC-H004/RCC-H006/RCC-H010/RCC-H014/RCC-H017</td>
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<tr>
<td>Generic Controller</td>
<td>SRG-120DH/SRG-300H</td>
<td>RC4-SRG</td>
<td>RCC-C001/RCC-C005/RCC-C006/RCC-H001/RCC-H004/RCC-H005/RCC-H006/RCC-H007/RCC-H010/RCC-H014/RCC-H017</td>
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<tr>
<td>Generic Controller</td>
<td>PCS-XG100S</td>
<td>SRG-120DH</td>
<td>RC4-X12</td>
<td>RCC-C001/RCC-C005/RCC-C006/RCC-H001/RCC-H004/RCC-H005/RCC-H006/RCC-H007/RCC-H010/RCC-H014/RCC-H017</td>
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<td>Starleaf</td>
<td>GT Mini 3330/3351 GTm 5250</td>
<td>SRG-120DH</td>
<td>RC4-SL1</td>
<td>RCC-C001/RCC-C005/RCC-H001/RCC-H004/RCC-H005/RCC-H006/RCC-H007/RCC-H010/RCC-H014/RCC-H017</td>
</tr>
</tbody>
</table>

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To proceed with the installation, insure that you have installed one CAT5e or CAT6 cable between the camera installation site and the codec installation site.

Minimum distance should be approximately 30’/9M.

The cable must be wired for either UTP 568A or UTP 568B. Please use the following scheme:

To install the RemoteCam4™ Kit, follow this step-by-step guide:

- **Step 1**
  - Test and verify the Cat5e or Cat6 cable for UTP 568A or 568B wiring.

- **Step 2**
  - Install the RC4-HE Head-End Module at the rack/equipment location.
  - Connect the Cat5e or Cat6 cable to the RJ45 connector labelled **LINK** on the RC4-HE module.
  - Connect the power supply to the RC4-HE Module.
  - Wait to connect the **LINK** cable to the RC4-CE until steps 3 & 4 are completed.

- **Step 3**
  At the camera location connect the PowerSniffer™ to the CAT5e or CAT6 **LINK** cable.
  If the **LINK** cable is properly terminated it will display 8 green LEDs. See Image at left.
  Any other result, please re-terminate.

- **Step 4**
  - Disconnect the power supply from the RC4-HE

- **Step 5**
  - Connect the CAT5e or CAT6 cable to the RJ45 connector labelled **LINK** on the RC4-CE Camera Module.

- **Step 6**
  - Connect provided cables between codec and RC4-HE module.

- **Step 7**
  - Connect provided cables between camera and RC4-CE module.
  - Visca
  - The Visca loop, or daisy chain, supports up to seven cameras. On supported applications SCT supplies a Visca Out cable. This cable should be connected from the camera to the RC4-CE only when there is a proceeding camera in the daisy chain. Utilizing this cable on the last camera in the chain will terminate control of all cameras.

- **Step 8**
  - Connect the power supply to the RC4-HE module
  - **LED Behavior:**
    - Head-End Module **HDCP LED:** Blinking = HDCP Inactive, Solid = HDCP Active
    - Head-End Module **LINK** LED: Blinking Red = No Link, Blinking Red to Green = **LINK** Active
    - Camera Module: LED will be **Red** until Link is established, **Solid Green** when **LINK** is Active

- **Step 9**
  - Enjoy!