



Supporting the Cisco Quad Camera and Cisco SX80, Plus & Pro 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 CAT6 LINK cable for UTP 568A/568B. Link cable must be between 30ft - 300ft. **The LINK cable between the RC7-CE module (transmitter) & RC7-HE module (receiver) must always be a single, point-to-point CAT cable with no couplers or interconnections.**
2. Connect the provided PowerSniffer to the Quad Camera end of your CAT6 LINK cable.
3. Connect the other end of the LINK cable to the "SCT LINK" connection on the Head End module.
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 SCT LINK cable is properly terminated, it will display eight GREEN LEDs. If you get any other result, **stop and re-terminate cable.**
7. Once your cable has been tested, please disconnect the WPS-48 power supply from the RC7-HE module, and the PowerSniffer from the LINK cable, before proceeding to install.

### INSTALL THE EXTENSION KIT

#### Connect the camera-end cables:

1. Connect the RCC-C014 HDMI cable between the Quad Camera's HDMI Input 1 and the RC7-CE's "HDMI IN" port.
2. Connect the RCC-C015 UTP cable between the Quad Camera's RJ45 camera input and the RC7-CE's "Ethernet" port.
3. Connect the PPC-014 3' power cable between the Quad Camera's power input and the RC7-CE's "12VDC Output" port.
4. If using an optional TRS audio cable, connect it between the Quad Camera's TRS audio input and the RC7-CE's "Line Out" port.

#### Connect the codec-end cables:

5. Connect the RCC-H001 3' HDMI cable between the

codec's HDMI camera input and the RC7-HE's HDMI "Output 1" port.

6. Connect the RCC-H016 3' UTP control cable between the codec's RJ45 camera input and the RC7-HE's "Ethernet Port 1".
7. If using an optional TRS audio cable, connect it between the RC7-HE's "Line In" TRS port.

#### Connect and Initiate the Extended System:

8. Connect one end of your CAT6 LINK cable to the RC7-HE module's "SCT Link" port.
9. Connect the other end of the CAT6 LINK cable to the RC7-CE module's "SCT Link" port.
10. Connect the WPS-48 power supply to the RC7-HE.

### • ALLOW UP TO TWO MINUTES FOR THE QUAD CAMERA 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.

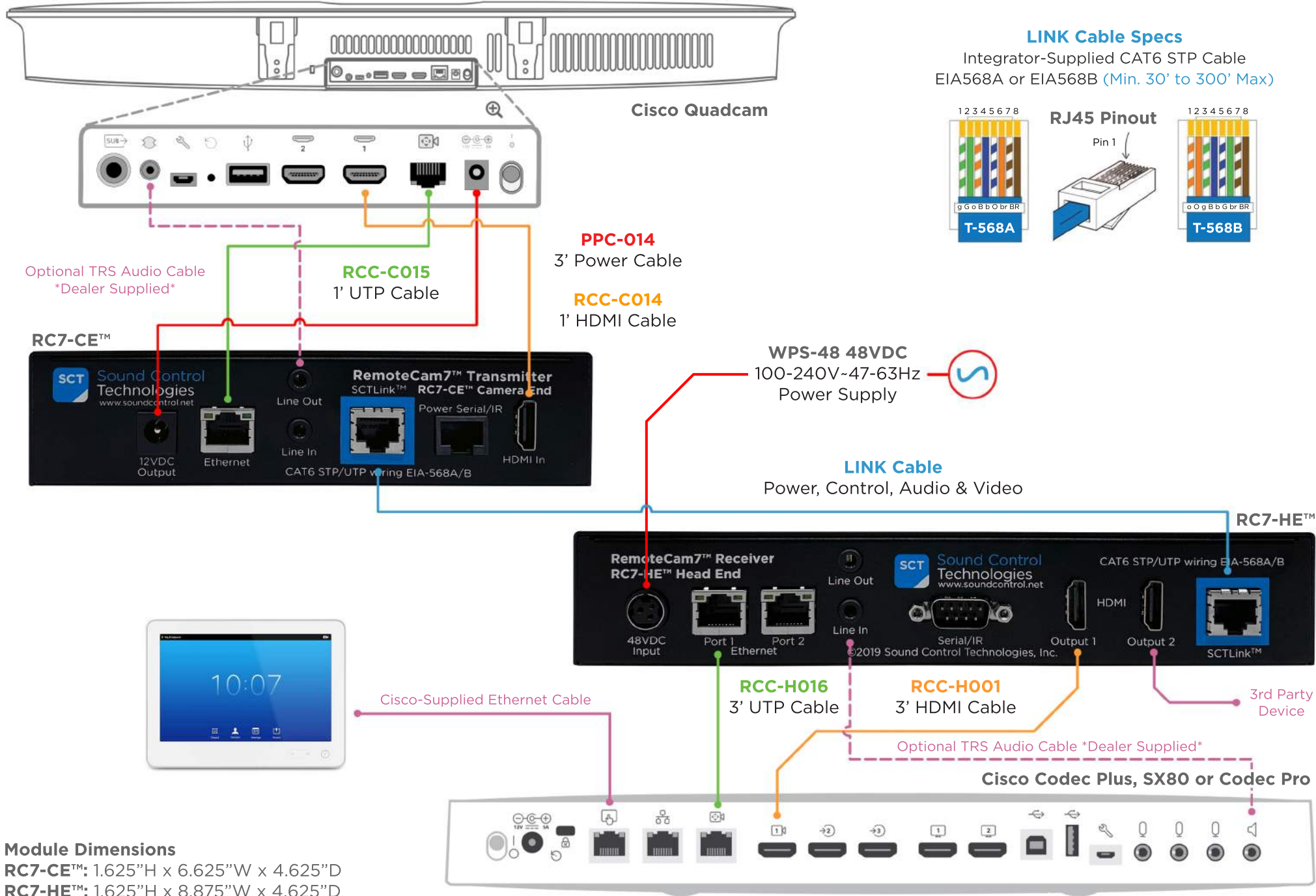
MODULE	LED LABEL	ACTIVE STATUS	INACTIVE STATUS
RC7-CE	OK LED	Blinking Green (-1 second interval)	Blinking or Solid Red
RC7-HE	OK LED	Blinking Green (-1 second interval)	Blinking or Solid Red
RC7-HE	LINK LED	Solid Green	Solid Red or Dormant

**Cable Table** - Part numbers, descriptions and functions of all SCT cables provided for the RC7-CQC.

This kit is also inclusive of **[1] RC-RKL Rack Shelf**.

CABLE	DESCRIPTION	FUNCTION
RCC-C014	1' HDMI Cable	Video connection between Quad Camera and RC7-CE module.
RCC-C015	1' UTP Cable	Control connection (ethernet) between Quad Camera and RC7-CE module.
PPC-014	1' Power Cable	Power connection between Quad Camera and RC7-CE module.
RCC-H001	3' HDMI Cable	Video connection between the codec and RC7-HE module.
RCC-H016	3' UTP Cable	Control connection (ethernet) between the 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.



Optional TRS Audio Cable  
\*Dealer Supplied\*

**RCC-C015**  
 1' UTP Cable

**PPC-014**  
 3' Power Cable

**RCC-C014**  
 1' HDMI Cable

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

**LINK Cable**  
 Power, Control, Audio & Video

Cisco-Supplied Ethernet Cable

**RCC-H016**  
 3' UTP Cable

**RCC-H001**  
 3' HDMI Cable

Optional TRS Audio Cable \*Dealer Supplied\*

3rd Party Device

Cisco Codec Plus, SX80 or Codec Pro

**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