# Sound Control SCT **Technologies** Cisco **Precision 60** X º RC5-CE™ 63 RemoteCam5 Digita Single Cable Link RC5-CE™ Camera End Technologies STP/UTP wiring EIA-568A or EIA 568B

# **RC5-P60™ Application Guide**

Updated: 5/14/2021

## Cisco SX80, Codec Pro & Codec Plus



## RCC-H001-1.0M

HDMI to HDMI Video Cable

#### RCC-H016-1.0M

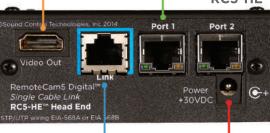
RJ45 to RJ45 UTP Control Cable

## **SCTLink™ Cable**

Power, Control & Video

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

## RC5-HE™



## SCTLink<sup>™</sup> Cable Specs

Integrator-Supplied CAT5e/CAT6 STP/UTP Cable T568A or T568B (10m-100m min/max Length)





**WPS-12 30VDC** 100-240V 47-63Hz Power Supply



## PPC-003-0.4M

Power Cable

#### **Module Dimensions**

RCC-C001-0.3M

HDMI to HDMI

Video Cable

**RC5-CE™: H:** 0.93" (23mm) **x W:** 2.5" (63mm) **x D:** 3.741" (95mm) **RC5-HE™: H:** 1.504" (38mm) **x W:** 3.813" (96mm) **x D:** 3.617" (91mm)

RCC-C002-0.3M

RJ45 to RJ45

**UTP Control Cable** 



# **RC5-P60™ Installation Instructions**

Updated: 9/2/2021

Supporting the Cisco Precision 60 and SX80, CodecPlus. and CodecPro 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.

- Test and verify your CAT5e/CAT6 STP or UTP SCTLink™ cable for T568A or T568B.
   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-12 power supply to the Head End module.
- 5. Connect the WPS-12 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-12 power supply from the Head End module, and the PowerSniffer from the SCTLink™ cable, before proceeding to install.

#### **INSTALL THE EXTENSION KIT**

#### Connect the camera-end cables:

- Connect RCC-C001 video cable between the RC5-CE Camera End's HDMI connector labeled "VIDEO INPUT" and the camera's HDMI connector.
- 2. Connect the RCC-C002 control cable between the RC5-CE's RJ45 connector labeled "ETHERNET" and the camera's RJ45 input.
- 3. Connect the PPC-003 power cable between the RC5-CE's power connector labeled "+12V Power" and the camera's power input.

#### Connect the codec-end cables:

4. Connect the RCC-H001 cable between the RC5-HE's HDMI connector, labeled "VIDEO OUT" and the codec's HDMI input.

- 5. Connect the RCC-H016 cable between the Cisco Codec's RJ45 Ethernet "Appliance" port and the RC5-HE's RJ45 Layer 2 Ethernet port labeled 'Port 1'.
  - Please Note: 'Ethernet 2' supports an additional Precision 60 camera, or if extended, RC5-HE module. Please refer to the visual guide on reverse side of this document.
- 6. Connect one end of your SCTLink™ cable to the RC5-HE module's "SCTLink™" port. Connect the other end to the RC5-CE module's "SCTLink™" port.
- Connect the WPS-12 power supply to the RC5-HE's power input labeled "Power +30VDC".
- 8. At this point, your camera should have power and video output onto your Cisco TouchPad (or other control system that is correctly connected to your codec).

#### • ALLOW UP TO TWO MINUTES FOR THE 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
RC5-CE	Ethernet	Solid Green	Off
RC5-HE	HDCP	Solid Green or Blinking Green Off	Off
RC5-HE	OK/LINK	Alt. Blinking Red/Green; 1:1 Pattern	Blinking Red (occasional single green)
RC5-HE	Power	Solid Green	Blinking Red or Off

Cable Table - Part numbers, descriptions and functions of all SCT cables provided for the RC5-P60.

	CABLE	DESCRIPTION	FUNCTION
	RCC-C001-0.3M	HDMI Cable	Video connection between camera and RC5-CE module.
	RCC-C002-0.3M	UTP Cable	Control connection between camera and RC5-CE module.
	PPC-003-0.4M	Power Cable	Power connection between camera and RC5-CE module.
	RCC-H001-1.0M	HDMI Cable	Video connection between codec and RC5-HE module.
	RCC-H016-1.0M	UTP Cable	Control connection between codec and RC5-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). 30VDC power supply uses 1.45 amperes AC maximum. All specs subject to change without notice.