

CCS-UC-CODEC-100

HD Collaboration System Codec

The CCS-UC-CODEC-100 is a codec designed for use as part of a complete **Crestron RL™** Group Collaboration System for Lync®. Crestron RL is a comprehensive group collaboration solution that combines Crestron® hardware with Microsoft® Lync software. This full-featured, unified communication system enables video, voice, interactive content sharing, presence, and chat. A complete system is normally composed of the codec, plus one or two touch screen displays, a 10" tabletop touch screen, a USB camera and microphone, sound bar, optional USB tabletop microphone, wall mount or cart(s), and all required cabling.

For a complete Crestron RL system solution, please refer to the [CCS-UC-100](#) Web page or spec sheet.



SPECIFICATIONS

Processor

CPU: Intel® Core™ i7-3610QE 3.3GHz
Chipset: Intel QM77 Express chipset
Memory: 8GB DDR3 1333MHz (2x 4GB SODIMM)
Storage: 120GB SSD, SATA 6Gb/s
PSU: 250W ATX 1U
Display Adapter: Intel HD Graphics 4000
Video Capture: Epiphan PCIe card, 128MB buffer RAM

Communications

Ethernet: 10/100/1000 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP; IEEE 802.3, 802.3u, and 802.3ab compliant
USB: USB 3.0/2.0/1.1 host

Video

Content Input Signal Types: DVI (single link), HDMI^{(1)sup>}, VGA
Display Output Signal Types: DVI, HDMI⁽¹⁾
Control Panel Output Signal Types: HDMI, DVI⁽¹⁾
Content Input Resolutions: 640x480, 720x400, 720x480, 720x540, 800x600, 1024x768, 1152x864, 1152x900, 1280x800, 1280x960, 1280x1024, 1360x768, 1360x1024, 1400x1050, 1600x1200, 1920x1080, 1920x1200
Content Input Frame Rate: Up to 85Hz for resolutions at or below 1280x1024, or up to 60Hz for resolutions above 1280x1024
Display Output Resolutions: Up to 1920x1200
Control Panel Output Resolution: 1280x800

Audio

Output Signal Type: Stereo analog

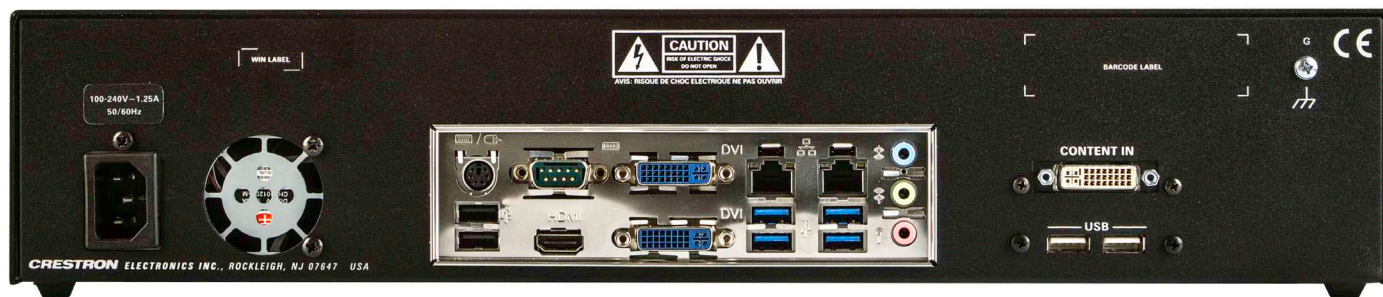
Connections

100-240V~1.25A 50/60Hz: (1) IEC 60320 C14 main power inlet; Mates with removable power cord (included)
PS/2: (1) 6-pin mini-DIN female PS/2 keyboard/mouse port (not used)
USB (beneath PS/2): (2) USB Type A female; USB 2.0 host ports
COM: (1) DB9 male serial COM port (not used)
HDMI: (1) 19-pin Type A HDMI female; HDMI digital video output for control panel
DVI: (2) DVI-I female (supports digital only); DVI digital video outputs for room displays
LAN: (2) 8-wire RJ45 female; 10Base-T/100Base-TX/1000Base-T Gigabit Ethernet ports
USB (beneath LAN): (4) USB Type A female; USB 3.0 host ports
Line In (Blue): (1) 3.5mm TRS mini phone jack (not used)
Line Out (Green): (1) 3.5mm TRS mini phone jack; Unbalanced stereo line-level audio output for room sound system
Mic In (Pink): (1) 3.5mm TRS mini phone jack (not used)
CONTENT IN: (1) DVI-I female DVI or VGA video input for content source device
USB (beneath CONTENT IN): (2) USB Type A female; USB 2.0 host ports
G: 6-32 screw, chassis ground lug

Controls & Indicators

Power: (1) Pushbutton with backlight LED indicator; powers up or shuts down the unit
LAN (rear): (4) LEDs, indicate Ethernet status and speed for each corresponding LAN port

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CCS-UC-CODEC-100 – Rear View

Power Requirements

Main Power: 1.25 Amps @ 100-240 Volts AC, 50/60 Hz

Environmental

Temperature: 41° to 104°F (5° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 287 BTU/hr

Enclosure

Chassis: Metal with black finish, vented sides and rear exhaust fan, ultra-quiet variable-speed fan-cooled

Front Panel: Metal, black with polycarbonate label overlay

Mounting: Under table or 2U 19-inch rack mountable (mounting brackets and rack ears included)

Dimensions

Height: 3.47 in (89 mm)

Width: 17.28 in (439 mm);

19.00 in (483 mm) with rack ears

Depth: 13.30 in (338 mm)

Weight

11.0 lb (5.0 kg)

Compliance

CSA C22.2 No. 60950-1-07 + A1:2011, EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011, IEC 60950-1:2005 + A1:2009, UL 60950-1 2nd Ed. Revised 2011-12-19

Notes:

1. DVI connections require an appropriate adapter or interface cable to support HDMI. HDMI connections require an appropriate adapter or interface cable to support DVI. Crestron CBL-HD-DVI cables are sold separately.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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