

CCS-UC-200-WSTND

Crestron RL[®] 2 Group Collaboration System for Skype[®] for Business, Wall Stand Packs

- > A full-featured, simple to use group collaboration system based on Skype[®] for Business
- > Provides a turnkey wall stand solution for conference rooms, huddle rooms, and executive offices
- > Enables interactive collaboration from anywhere using any device
- > Easy to specify and install — requires no custom design or programming
- > Low cost of ownership — no MCUs or gateways needed
- > Complete system packages offer a choice of one or two 60", 70", or 80" touch displays
- > Wall stand design significantly reduces load on the wall structure
- > Tabletop touch screen affords easy, intuitive operation
- > Allows customizable control of room lighting, shades, and other equipment^[3]
- > Provides auto-switching HDMI[®], VGA, and DM 8G+[®] content source inputs
- > Allows input expansion using DigitalMedia[™] transmitters and switchers^[2]
- > Supports content source audio as well as video
- > Includes a high-definition camera and sound bar
- > Allows customization using Crestron-approved third-party accessories
- > Integrates with Crestron Fusion[®] to support enterprise-wide room monitoring^[4]

Crestron RL[®] 2 is an advanced group collaboration solution for conference rooms and huddle spaces that combines Crestron[®] hardware with Skype[®] for Business software. Skype for Business (formerly Microsoft[®] Lync[®]) offers an enterprise-ready unified communications platform capable of delivering presence, instant messaging, voice, and video across the network or Internet using computers and mobile devices. Crestron RL 2 extends the Skype for Business experience to the conference room so groups can communicate and collaborate in real time from multiple locations. Crestron RL 2 combines the intuitive room control solutions of Crestron with the unified communication and collaboration features of Skype for Business.

Easy to Use

With one touch of the touch screen, anyone can walk into a conference room and instantly start a collaboration session. Crestron RL 2 lets you share your desktop with local and remote participants, view and annotate over a PowerPoint[®] presentation, and use the 60", 70", or 80" touch display as an interactive whiteboard to sketch out ideas — all in real time. Remote participants can join from their personal computers, mobile devices, and other Crestron RL 2 systems. Crestron RL 2 lets everyone share their ideas and documents collaboratively — anytime, anywhere, with any device.

Easy to Purchase and Install

A variety of Crestron RL 2 system packages is available to turn almost any room into a collaborative meeting space. There's no complicated design or programming required. Crestron RL 2 comes with everything you need and works right out of the box with minimal setup. It connects right over the

corporate LAN, so there are no additional infrastructure expenses such as MCUs or gateways. And, if your organization already uses Skype for Business, there are no additional licenses or fees required.

The CCS-UC-200-WSTND series offers a wall stand solution for any sized conference room, with single and dual display systems available with a choice of 60", 70", or 80" display(s). The wall stand design transfers weight to the floor, alleviating much of the load on the wall structure. A single wall stand can accommodate one or two displays up to 70", or a single display up to 80". Dual 80" systems employ a pair of wall stands. Installation involves adjusting the leveling feet and securing the wall stand(s) to the wall, mounting the display(s) and adjusting the height, plugging in the power and LAN cables, and placing the microphone and touch screen on the conference table.^[1] The wall stand even includes hidden storage for the system codec and other components, affording a clean appearance while eliminating the need for a separate equipment rack.

NOTE: See also the [CCS-UC-200](#), [CCS-UC-200-HUD](#), and [CCS-UC-200-WMT](#) for other room types and system configurations.

Enhanced Connectivity, Integration, and Control

Crestron RL 2 included a number of features not found in other Skype for Business based systems, affording several powerful ways to use and customize your system:

- **10" Tabletop Touch Screen** — The included 10" touch screen provides an intuitive user interface for managing group collaboration sessions. It's so simple to use, anyone can instantly start a session with just one touch. The touch screen can also be custom programmed to control room lighting, shades, climate, and AV equipment (see *Control System Integration* below).
- **Auto-Switching Inputs** — Its HDMI[®], VGA, and DM 8G+[®] inputs allow versatile connectivity for computers and other content source devices. Automatic switching between sources simplifies operation.
- **DigitalMedia[™] System Integration** — Its DM 8G+ input facilitates input expansion and signal extension using any Crestron DM 8G+ transmitter or switcher. An assortment of under-table or in-wall transmitters and switchers is offered to provide input connectivity wherever it's needed. DM 8G+ also allows for connection to a centralized DM[®] switcher, enabling access to shared media sources and cameras anywhere in the building.^[2]
- **Content Audio Support** — In addition to video, Crestron RL 2 accepts audio input signals via its HDMI, analog audio, and DM 8G+ inputs.
- **USB or Analog Microphones** — Crestron RL 2 comes with a high-performance, low-profile USB table microphone that's capable of achieving excellent pickup of several participants at a table in a typical room. Alternately, up to two analog microphones or a USB microphone mixer (not included) may be connected to accommodate custom applications.
- **USB HD Camera** — Provides remote participants with a high-definition view of the room through an extra-wide 90 degree diagonal field of

view. Crestron RL 2 is also compatible with several third-party camera devices to enable enhanced functionality.

- **Audio Output** — Its analog output can be used to feed the included sound bar or a separate room sound system.
- **Control System Integration** — Complete control over room lighting, shades, and other equipment can be enabled right on the tabletop touch screen through integration with a Crestron control system.^[3]
- **Enterprise Monitoring** — Crestron RL 2 has the ability to communicate directly with **Crestron Fusion®** Enterprise Management Software, allowing it to be monitored from a centralized help desk alongside every other conference room across the enterprise. Room scheduling and other advanced capabilities can be enabled through integration with a control system.^[3,4]

Optional Accessories

The following Crestron products are just some of the many options available for use with the Crestron RL 2 system:

- **MMX-6-USB** 6-Channel USB Microphone Mixer
- **DM-TX-4K-100-C-1G** Wall Plate 4K DigitalMedia 8G+® Transmitter 100
- **DM-TX-200-C-2G** Wall Plate DigitalMedia 8G+ Transmitter 200
- **DM-TX-4K-202-C** 4K DigitalMedia 8G+® Transmitter 202
- **DM-TX-4K-302-C** 4K DigitalMedia 8G+® Transmitter 302
- **DM-TX-201-C** DigitalMedia 8G+ Transmitter 201
- **DM-TX-401-C** DigitalMedia 8G+ Transmitter 401

- **DM-MD8X1-4K-C** 4K Scaling Presentation Switcher
- **DMPS3-4K-150-C** 3-Series® 4K DigitalMedia Presentation System 150
- **USB-EXT-DM** USB over Ethernet Extender with Routing

Third-Party Accessories

The following third-party manufacturers offer accessories that have been tested and approved by Crestron for use with Crestron RL 2:

- **ClearOne®** – CHAT® 170 Group Speakerphone
- **Logitech®** – ConferenceCam CC3000e, PTZ Pro Camera
- **NEC®** – V652-TM Touch Integrated 65” Large Screen Display
- **NEC** – E705 & OL-E705 70” Display w/10 Point Infrared Touch Overlay
- **Panasonic®** – AW-HE2 HD Integrated Camera
- **Polycom®** – CX5100 & CX5500 Unified Conference Stations
- **Samsung®** – DM-D Series 55”, 65”, and 75” Displays w/Touch Overlay
- **Sharp®** – AQUOS BOARD® 60”, 70”, and 80” Interactive Display Systems
- **Sharp** – PN-K322B 32” Touchscreen Monitor
- **Shure®** – Microflex® MX390 Series Boundary Microphones
- **Vaddio™** – ClearVIEW HD-USB Camera, RoboSHOT™ 12 HD PTZ Camera, AV Bridge

NOTE: Crestron authorized integrators, please see Crestron True Blue Online Help Answer ID: 5532 for additional information about these and other third-party accessories.

SPECIFICATIONS

Included Components

NOTE: For additional specifications and other details, please refer to the individual spec sheet for each component.

Single Display Packages

Description:	Model:	CCS-UC-200-WSTND-MED-1 KIT Wall Stand Single 60” Display	CCS-UC-200-WSTND-LG-1 KIT Wall Stand Single 70” Display	CCS-UC-200-WSTND-XLG-1 KIT Wall Stand Single 80” Display	CCS-UC-200-WSTND KIT Wall Stand Single No Display(s)
Crestron RL® 2 System Codec	CCS-UC-CODEC-200	1	1	1	1
10.1” Tabletop Touch Screen	TS-1051-C-B-S	1	1	1	1
60” Touch Display	CCS-TS-6000	1			
70” Touch Display	CCS-TS-7000		1		
80” Touch Display	CCS-TS-8000			1	
Display Wall Stand	CCS-UC-200-WSTND ONLY	1	1	1	1
HD Camera	CCS-CAM-USB-F-100-SHROUD	1	1	1	1
Tabletop Microphone	CCS-MIC-USB-100	1	1	1	1
Sound Bar	CCS-SPK-SB-100-B	1	1	1	1
Rack Mount Kit	CCS-BRKT-200-RMK	1	1	1	1
Cables and Accessories		LOT	LOT	LOT	LOT

Dual Display Packages

Description:	Model:	CCS-UC-200-WSTND-MED-2 KIT Wall Stand Dual 60" Displays	CCS-UC-200-WSTND-LG-2 KIT Wall Stand Dual 70" Displays	CCS-UC-200-WSTND-XLG-2 KIT Wall Stand Dual 80" Displays	CCS-UC-200-WSTND-DUAL KIT Wall Stand Dual No Displays
Crestron RL™ 2 System Codec	CCS-UC-CODEC-200	1	1	1	1
10.1" Tabletop Touch Screen	TS-1051-C-B-S	1	1	1	1
60" Touch Display	CCS-TS-6000	2			
70" Touch Display	CCS-TS-7000		2		
80" Touch Display	CCS-TS-8000			2	
Display Wall Stand	CCS-UC-200-WSTND ONLY	1	1	2	2
HD Camera	CCS-CAM-USB-F-100-SHROUD	1	1	1	1
Tabletop Microphone	CCS-MIC-USB-100	1	1	1	1
Sound Bar	CCS-SPK-SB-100-B	1	1	1	1
Rack Mount Kit	CCS-BRKT-200-RMK	1	1	1	1
Cables and Accessories		LOT	LOT	LOT	LOT

System Connections

Content AV Inputs: (1 each) HDMI[®], VGA, unbalanced stereo analog audio, and DM 8G+[®];

(1) 20 ft (6.1 m) HDMI cable included;

(1) 25 ft (7.6 m) VGA/audio cable included

Touch Display Video Output(s): HDMI (DVI compatible); HDMI cable(s) included

Tabletop Touch Screen: (1) DM 8G+ with PoDM; 25 ft (7.6 m) cable included^[1]

Sound Bar: Unbalanced stereo analog line-level audio; Stereo RCA cable included

USB: (2) USB 3.0 and (6) USB 2.0 host ports for camera, touch display(s), table mic, and mouse/keyboard^[6];

15 ft (4.5 m) USB cable included for table mic^[1];

Additional USB cables included for camera and touch displays

LAN: (1) 10Base-T/100Base-TX/1000Base-T Ethernet; 14 ft (4.3 m) CAT6 LAN cable included

Power: (1) IEC 60320 C14 main power inlet; 6.5 ft (2.0 m) detachable power cord included; 100-240 Volts AC, 50/60 Hz;

CCS-UC-200-WSTND-MED-1 KIT: 4.5 Amps maximum;

CCS-UC-200-WSTND-MED-2 KIT: 6.7 Amps maximum;

CCS-UC-200-WSTND-LG-1 KIT: 4.9 Amps maximum;

CCS-UC-200-WSTND-LG-2 KIT: 7.5 Amps maximum;

CCS-UC-200-WSTND-XLG-1 KIT: 5.2 Amps maximum;

CCS-UC-200-WSTND-XLG-2 KIT: 8.1 Amps maximum;

CCS-UC-200-WSTND KIT: 2.3 Amps maximum;

CCS-UC-200-WSTND-DUAL KIT: 2.3 Amps maximum

Mechanical

Each system includes a single wall stand display assembly consisting of a wall stand (CCS-UC-200-WSTND ONLY) with adjustable mounting bracket(s) for the display(s), camera, and sound bar; internal 19" rack rails for the codec (CCS-UC-CODEC-200); and an internal accessory bracket for the power supplies and power strip.

CCS-UC-200-WSTND-XLG-2 KIT and CCS-UC-200-WSTND-DUAL KIT systems add a second CCS-UC-200-WSTND ONLY touch display wall stand.

Each wall stand includes (2) adjustable leveling feet and hardware for securing the wall stand to the back wall. Refer to the CCS-UC-200-WSTND ONLY spec sheet and installation guide for additional details.

Dimensions

CCS-UC-200-WSTND-MED-1 KIT: Height: ~83 3/4 in (2128 mm) max
Width: ~56 9/16 in (1437 mm)
Depth: ~13 in (331 mm)

CCS-UC-200-WSTND-MED-2 KIT: Height: ~83 11/16 in (2153 mm) max
Width: ~113 7/16 in (2881 mm)
Depth: ~13 in (331 mm)

CCS-UC-200-WSTND-LG-1 KIT: Height: ~86 7/16 in (2195 mm) max
Width: ~64 13/16 in (1647 mm)
Depth: ~13 1/16 in (332 mm)

CCS-UC-200-WSTND-LG-2 KIT: Height: ~86 7/16 in (2195 mm) max
Width: ~129 13/16 in (3298 mm)
Depth: ~13 1/16 in (332 mm)

CCS-UC-200-WSTND-XLG-1 KIT: Height: ~90 9/16 in (2300 mm) max
Width: ~74 in (1880 mm)
Depth: ~14 3/4 in (374 mm)

CCS-UC-200-WSTND-XLG-2 KIT: Height: ~90 9/16 in (2300 mm) max
Width: ~149 in (3785 mm)
Depth: ~14 3/4 in (374 mm)

MODELS & ACCESSORIES

Available Models

CCS-UC-200-WSTND-MED-1 KIT: Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand, Single 60" Display

CCS-UC-200-WSTND-MED-2 KIT: Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand, Dual 60" Displays

CCS-UC-200-WSTND-LG-1 KIT: Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand, Single 70" Display

CCS-UC-200-WSTND-LG-2 KIT: Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand, Dual 70" Displays

CCS-UC-200-WSTND-XLG-1 KIT: Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand, Single 80" Display

CCS-UC-200-WSTND-XLG-2 KIT: Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand, Dual 80" Displays

CCS-UC-200-WSTND KIT: Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand, Single, No Display(s)

CCS-UC-200-WSTND-DUAL KIT: Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand, Dual, No Displays

Included Accessories

CCS-UC-CODEC-200: Crestron RL® 2 System Codec (Qty. 1 included)

TS-1051-C-B-S: 10.1" Tabletop Touch Screen for Crestron RL® 2, Black Smooth (Qty. 1 included)

CCS-TS-6000: 60" Touch Display for Crestron RL® 2 (Qty. 1 included with CCS-UC-200-WSTND-MED-1 KIT; Qty. 2 included with CCS-UC-200-WSTND-MED-2 KIT)

CCS-TS-7000: 70" Touch Display for Crestron RL® 2 (Qty. 1 included with CCS-UC-200-WSTND-LG-1 KIT; Qty. 2 included with CCS-UC-200-WSTND-LG-2 KIT)

CCS-TS-8000: 80" Touch Display for Crestron RL® 2 (Qty. 1 included with CCS-UC-200-WSTND-XLG-1 KIT; Qty. 2 included with CCS-UC-200-WSTND-XLG-2 KIT)

CCS-UC-200-WSTND ONLY: Wall Stand for 60", 70", & 80" Touch Displays (Qty. 1 included with CCS-UC-200-WSTND-MED-1 KIT, CCS-UC-200-WSTND-MED-2 KIT, CCS-UC-200-WSTND-LG-1 KIT, CCS-UC-200-WSTND-LG-2 KIT, CCS-UC-200-WSTND-XLG-1 KIT, & CCS-UC-200-WSTND KIT; Qty. 2 include with CCS-UC-200-WSTND-XLG-2 KIT & CCS-UC-200-WSTND-DUAL KIT)

CCS-CAM-USB-F-100-SHROUD: HD Camera for Crestron RL® 2 (Qty. 1 included)

CCS-MIC-USB-100: Table Microphone for Crestron RL® 2 (Qty. 1 included)

CCS-SPK-SB-100-B: Sound Bar for Crestron RL® 2, Black (Qty. 1 included)

CCS-BRKT-200-RMK: Rack Mount Kit for CCS-UC-CODEC-200 (Qty. 1 included)

Available Accessories

MMX-6-USB: 6-Channel USB Microphone Mixer

DM-TX-4K-100-C-1G: Wall Plate 4K DigitalMedia 8G+® Transmitter 100

DM-TX-200-C-2G: Wall Plate DigitalMedia 8G+® Transmitter 200

DM-TX-4K-202-C: 4K DigitalMedia 8G+® Transmitter 202

DM-TX-4K-302-C: 4K DigitalMedia 8G+® Transmitter 302

DM-TX-201-C: DigitalMedia 8G+® Transmitter 201

DM-TX-401-C: DigitalMedia 8G+® Transmitter 401

DM-MD8X1-4K-C: 4K Scaling Presentation Switcher

DMPS3-4K-150-C: 3-Series® 4K DigitalMedia™ Presentation System 150

DM-CBL-8G-NP: DigitalMedia 8G™ Cable, non-plenum

DM-CBL-8G-P: DigitalMedia 8G™ Cable, plenum

DM-8G-CONN: Connector for DM-CBL-8G DigitalMedia 8G™ Cable

DM-8G-CRIMP: Crimping Tool for DM-8G-CONN

DM-8G-CONN-WG: Connector with Wire Guide for DM-CBL-8G DigitalMedia 8G™ Cable

DM-8G-CRIMP-WG: Crimping Tool for DM-8G-CONN-WG

USB-EXT-DM: USB over Ethernet Extender with Routing

Notes:

1. If necessary, the touch screen cable may be extended to up to 200 ft (61 m) using Crestron [DM-CBL-8G](#) cable. Also, the microphone cable may be extended using a Crestron [USB-EXT-DM](#) USB extender. If extending multiple USB devices, a separate USB extender, consisting of (1) host module and (1) device module, is required for each device (except for touch displays, which may share a single USB extender). The USB-EXT-DM is for USB 1.0 and 2.0 devices only. USB signal extension may be via Ethernet or a dedicated CAT5e (or better) cable. All extra cables, connectors, and USB extenders are sold separately.
2. DigitalMedia transmitters, switchers, cables, and related accessories sold separately.
3. Crestron control system and custom programming sold separately.
4. Crestron Fusion software, server, and configuration sold separately.
5. USB mouse and keyboard not included; required for setup only.

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.

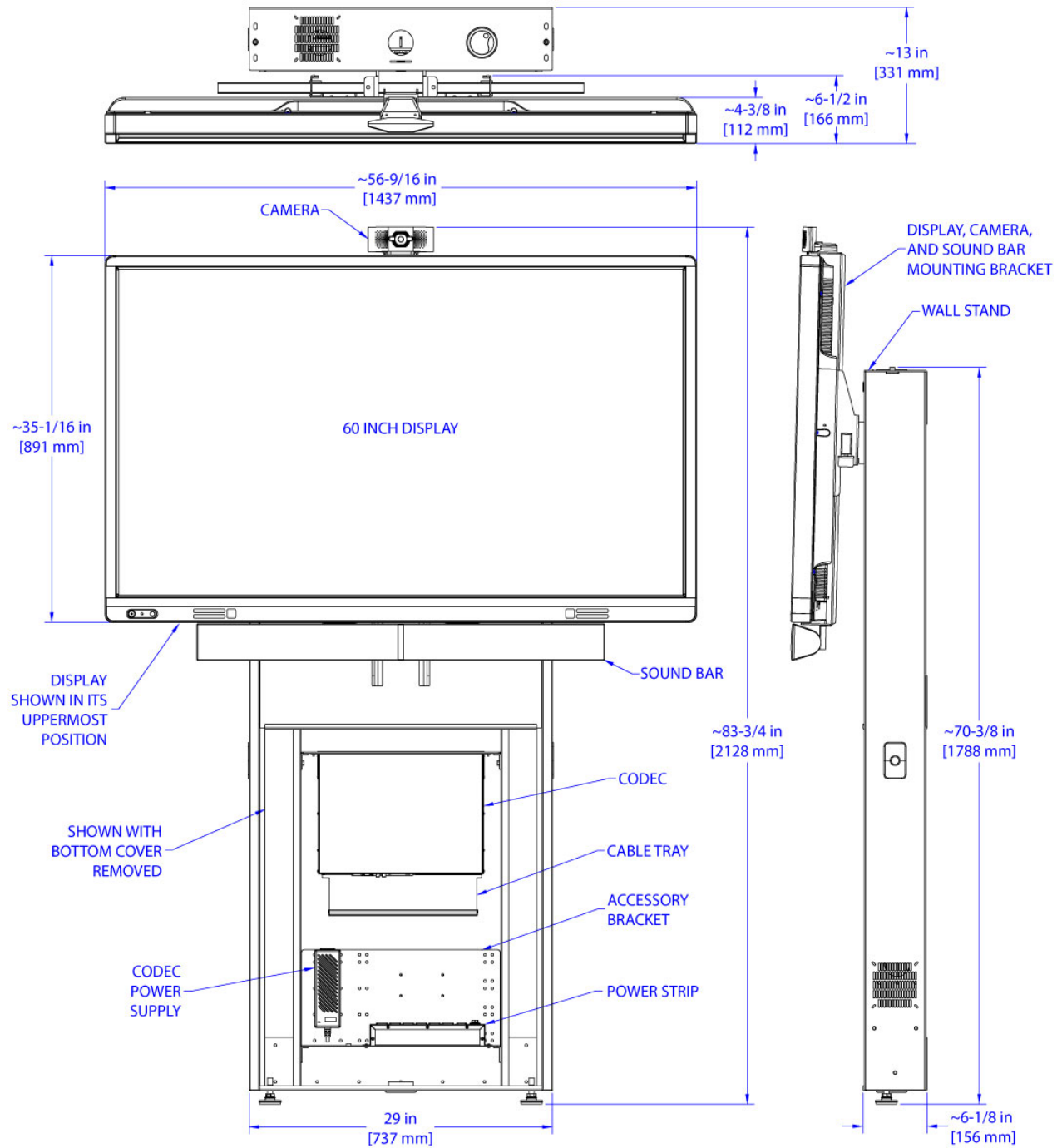
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CCS-UC-200-WSTND

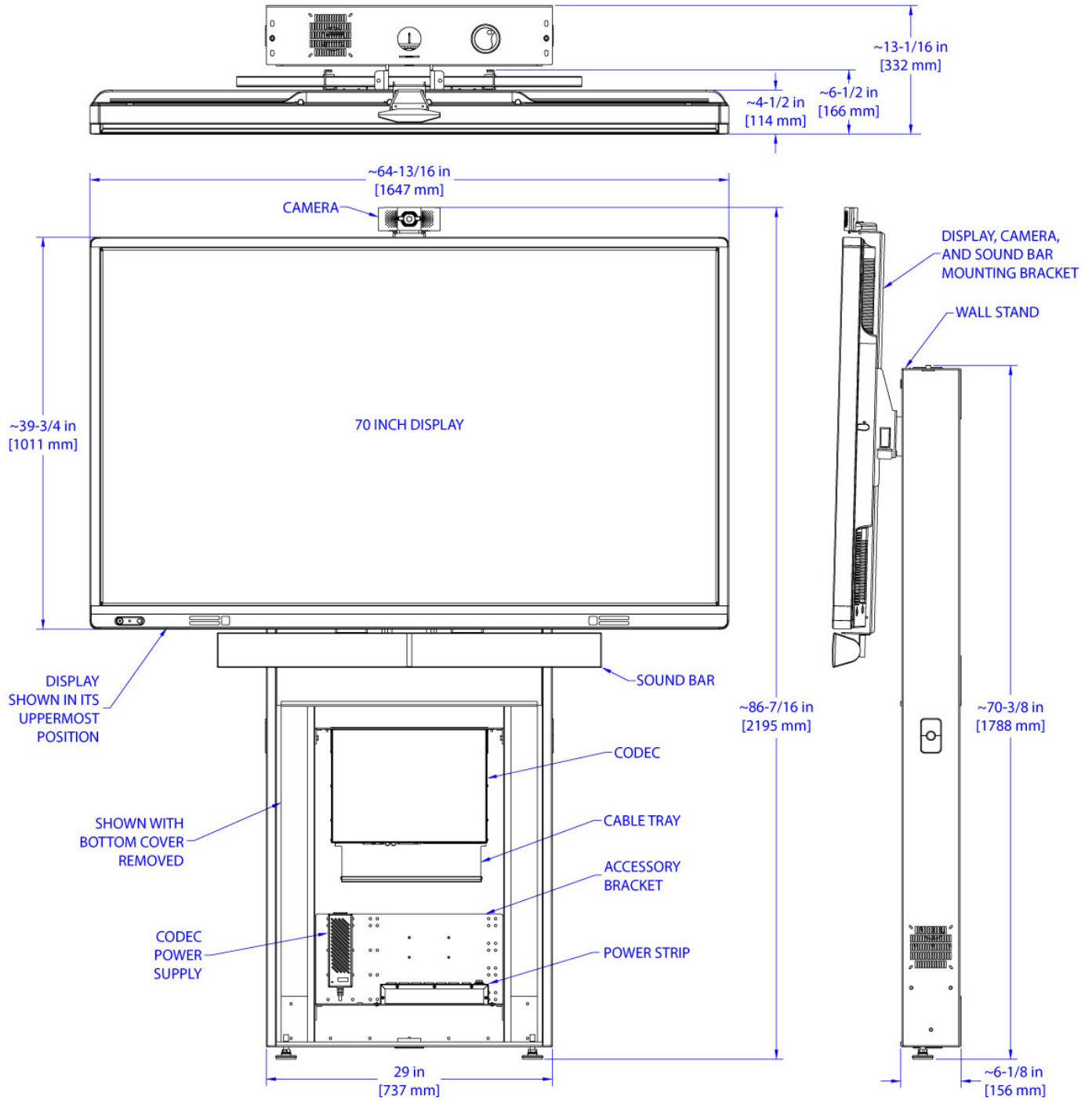
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CCS-UC-200-WSTND-MED-1 KIT

CCS-UC-200-WSTND

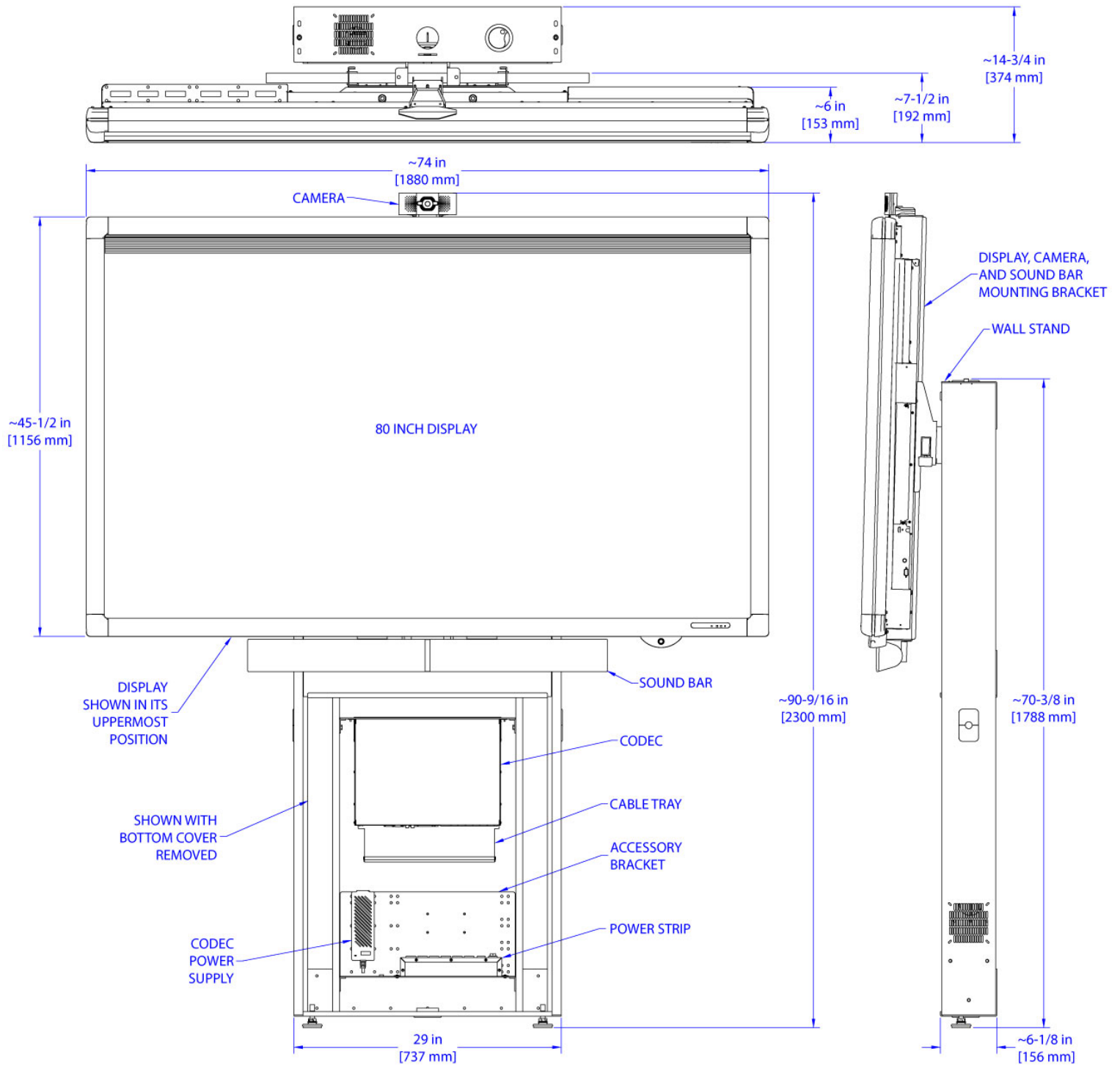
Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand Packs



CCS-UC-200-WSTND-LG-1 KIT

CCS-UC-200-WSTND

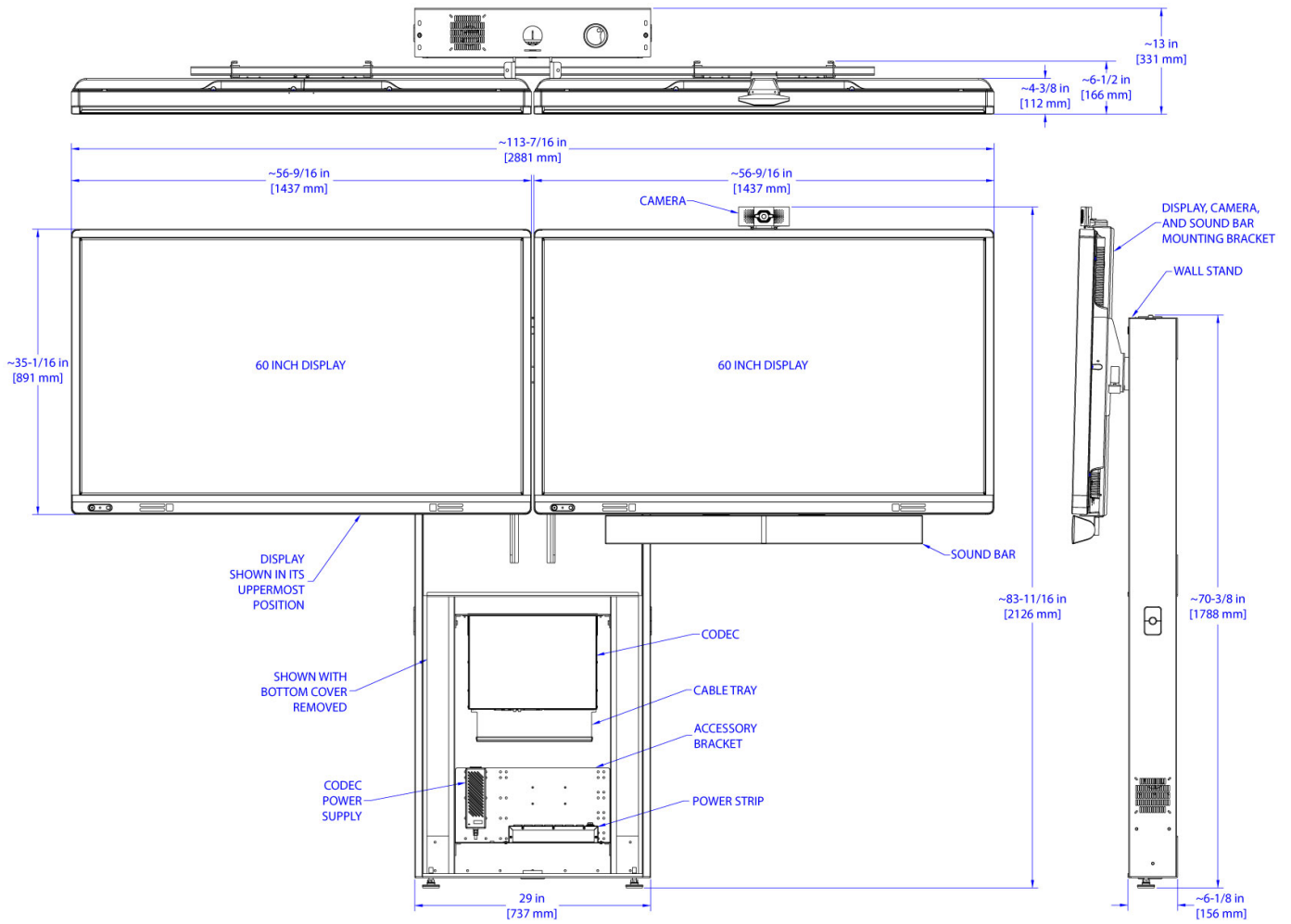
Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand Packs



CCS-UC-200-WSTND-XLG-1 KIT
(For CCS-UC-200-WSTND-XLG-2 KIT, multiply by 2 minus the internal equipment, sound bar, and camera)

CCS-UC-200-WSTND

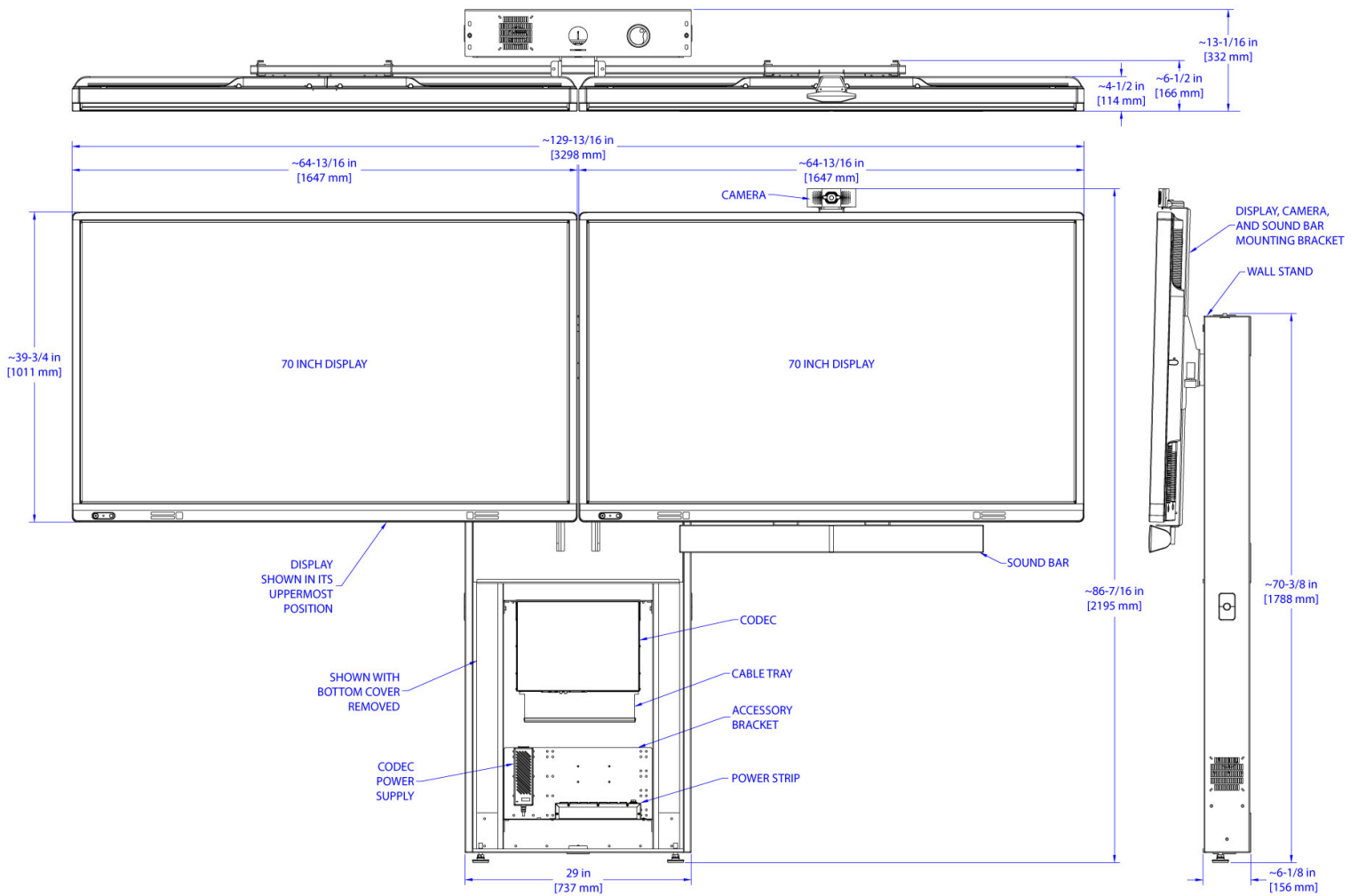
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CCS-UC-200-WSTND-MED-2 KIT

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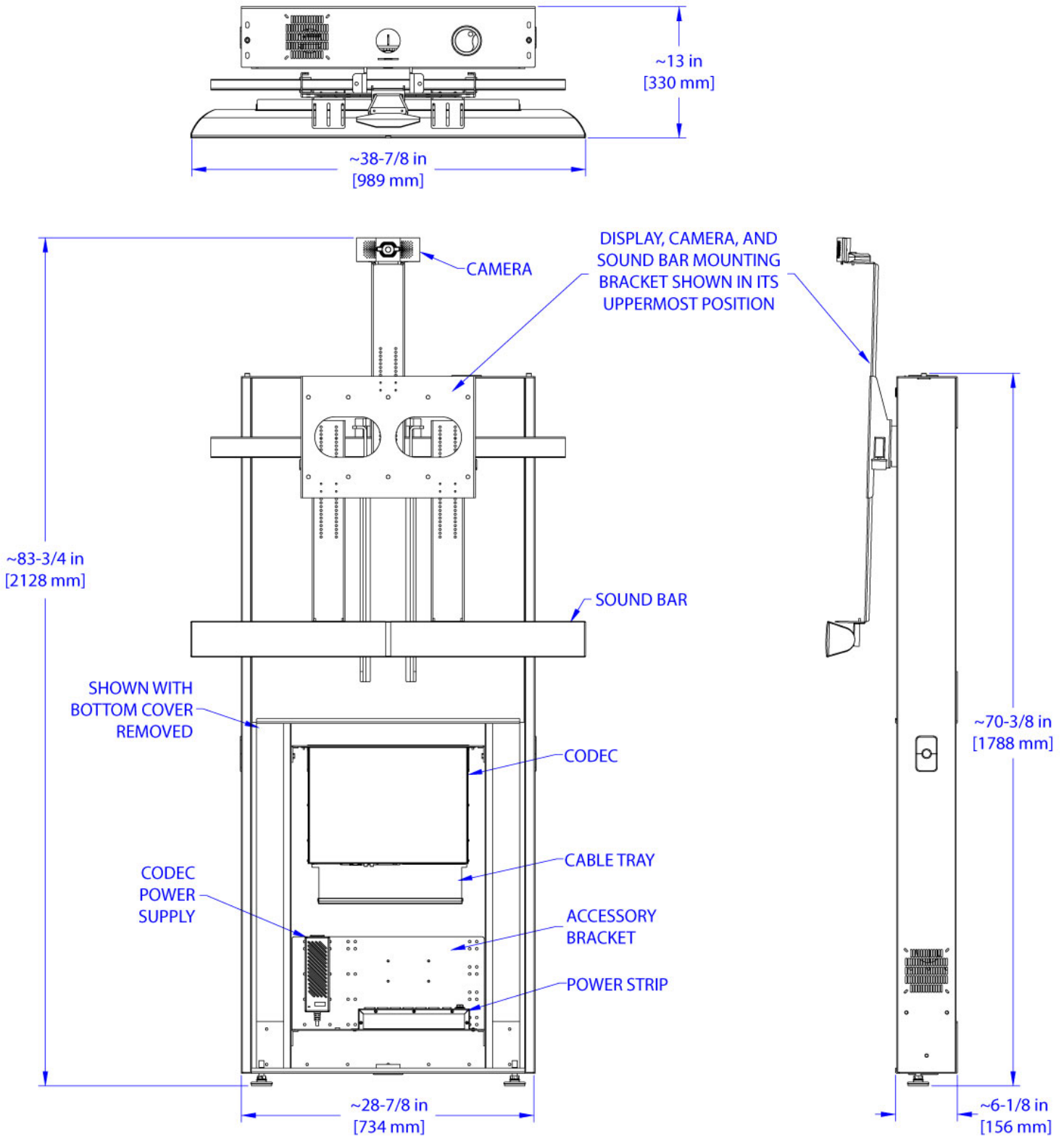
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CCS-UC-200-WSTND-LG-2 KIT

CCS-UC-200-WSTND

Crestron RL® 2 Group Collaboration System for Skype® for Business, Wall Stand Packs



CCS-UC-200-WSTND KIT
(For CCS-UC-200-WSTND-DUAL KIT, multiply by 2 minus the internal equipment, sound bar, and camera)