

Versa® UCS2100 Collaboration Switcher Kit



Versa UCS2100 is a collaboration switcher kit designed for modern hybrid, flexible UC (Unified Communication) meeting spaces.

- > Automatically detects HDMI and USB-C sources, such as dedicated in-room PC and BYOM laptop, and offers the flexibility for users to access the same set of in-room AV peripherals, such as cameras and audio devices.
- > Supports up to 4K 60 Hz 4:4:4 resolution, HDCP 2.2, HDR 10 and Dolby Vision.
- > Bi-Directional HDBaseT 3.0, allows the remote peripherals to be placed at a distance of up to 100 meters and provides 48 V PoE.
- > USB-C input supports up to 100 W charging.
- > Ethernet ports provide network passthrough between the transmitter and receiver unit.
- > The transmitter unit provides simultaneous 1 x HDMI output and 1 x HDBaseT output.
- > Supports automatic source detection & switching.
- > Controllable via RS-232, TCP/IP, or front panel buttons.
- > Multiple USB ports on both the transmitter and receiver for connecting a camera, audio device, mouse, and keyboard.



Broad Interoperability

Versa UCS2100, combined with UNITE series cameras, CONVERGE Pro 2, CONVERGE HUDDLE, and CHAT series audio conferencing devices, offer guaranteed performance and a streamlined user experience.



Simple BYOM Connectivity

Dual USB hosts (USB-B and USB-C) for In Room PC and Bring-Your-Own-Meeting (BYOM) Laptop connectivity.

APPLICATIONS

- BYOM Video Conferencing
- BYOM Audio Conferencing
- In-Room Presentation

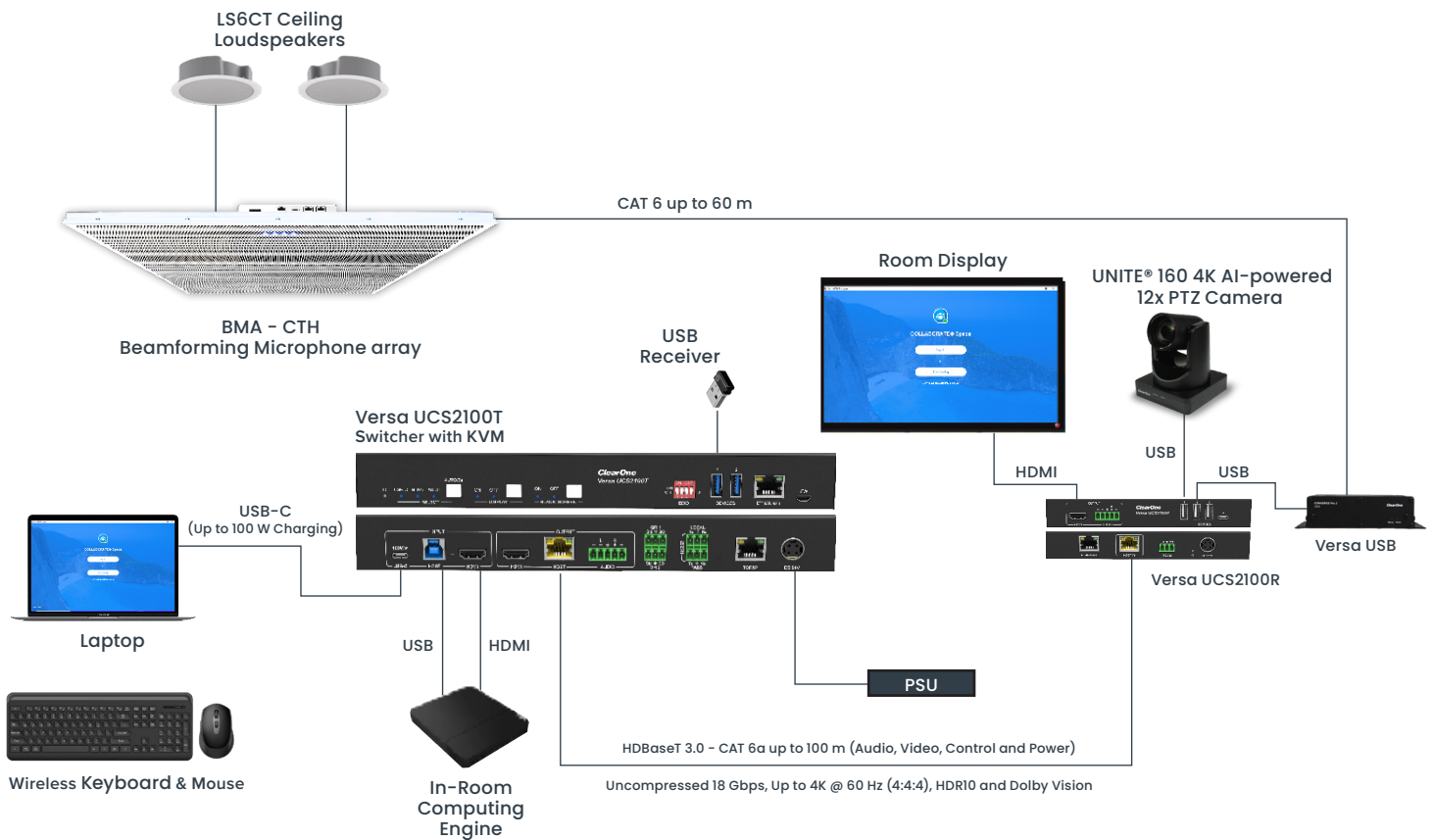
WORKSPACES

- Small to mid-sized meeting rooms
- Boardrooms
- Executive Offices
- Classrooms

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Professional Application

Complete your **Versa UCS2100 Collaboration Switcher Kit** setup by adding ClearOne products



Versa[®] UCS2100 Collaboration Switcher Kit

PART NUMBER	• 910-3001-120
VIDEO: TRANSMITTER VIDEO INPUTS	<ul style="list-style-type: none">• 1 x HDMI Type-A female connector plus 1 x USB-B host, 1 x USB-C input• HDMI 2.0, max resolution 4K @ 60 Hz 4:4:4, HDR 10 and Dolby Vision, HDCP 2.2• USB-C max resolution 4K@ 60 Hz 4:4:4, Up to 100 W power delivery for external charging.
VIDEO OUTPUTS	<ul style="list-style-type: none">• 1 x HDMI Type-A female connector and 1 x HDBaseT output RJ-45 connector• HDMI: Up to 4K @ 60 Hz 4:4:4 HDR 10, Dolby Vision, HDCP 2.2• HDBaseT: Up to 4K @ 60 Hz 4:2:0.• HDBaseT 3.0 (18 Gbps) supports up to 100m transmission and bi-directional 48 V Power over CAT(PoC). To reach 100 m distance, Cat 6a (or better) cable must be used.
AUDIO INPUTS	<ul style="list-style-type: none">• Audio Inputs: 1 x HDMI Embedded Audio• Supported Formats: LPCM 7.1 audio, Dolby Atmos[®], Dolby[®] TrueHD, Dolby Digital[®] Plus, DTS:X[™], and DTS-HD[®] Master Audio[™] pass-through
AUDIO OUTPUTS	<ul style="list-style-type: none">• 1 x HDMI loop through• 1 x 5-pin terminal block balanced stereo audio output de-embedded• Frequency Response: 20 Hz – 20 kHz, ± 3 dB• Max Out Level: 0.88 Vrms ± 0.5 dB. 2 V = 16 dB headroom above -10 dBV (316 mV) nominal consumer line level signal SPDIF: ±0.05 dBFS• THD+N: < 0.05% (-80 dB), 20 Hz – 20 kHz bandwidth, 1 kHz sine at 0 dBFS• SNR: > 80 dB, 20 Hz – 20 kHz bandwidth SPDIF: > 90 dB, 20 Hz – 20 kHz bandwidth• Crosstalk Isolation: < -80 dB, 10 kHz sine at 0 dBFS level (or max level before clipping)• L-R Level Deviation: < 0.3 dB, 1 kHz sine at 0 dBFS level (or max level before clipping)• Out Load Capability: 1 kΩ and higher.
USB PERIPHERALS	<ul style="list-style-type: none">• 2 x USB 3.0 USB Type-A connector (Data speed up to 5 Gbps)• Device Port Control: Auto, On, Off
CONTROL	<ul style="list-style-type: none">• Front-panel buttons for Auto/Manual inputs selection, Display ON/OFF, Black Screen ON/OFF.• Auto Switch 5 V or TMDS detection• RS-232 LOCAL, 3-pin terminal block connector for unit control• RS-232 PASS, 3-pin terminal block connector for bi-directional pass-thru transmission with receiver• Supports 3rd Party Dry Contact Control• GR1 for USB-C; GR2 for HDMI; SM for Switch to current source; BO for black screen to outputs.• 4-pin DIP switches for EDID management
ETHERNET	<ul style="list-style-type: none">• 1 x RJ-45 for network passthrough transmission via HDBaseT• 1 x RJ-45 TCP/IP Control
SERVICE	<ul style="list-style-type: none">• 1 x Micro-USB for firmware upgrades
POWER	<ul style="list-style-type: none">• 1 x 4-pin DIN connector power adapter 24 VDC 5 A

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VIDEO: RECEIVER

- VIDEO INPUTS** • 1x RJ-45, HDBaseT 3.0, 18 Gbps
- VIDEO OUTPUTS** • 1 x HDMI Type-A female connector HDMI 2.0, max resolution 4K @ 60 Hz 4:4:4, HDR 10 and Dolby Vision, HDCP 2.2.
- AUDIO OUTPUTS** • 1 x 5-pin terminal block balanced audio output; HDMI audio de-embedded
- USB PERIPHERALS** • 3 x Type-A, 1 x Type-C (Data speed USB 2.0, up to 250 Mbps)
- • Individual Device Port Control: Auto,On,Off
- ETHERNET** • 1 x RJ-45 for network passthrough transmission
- RS-232** • Bi-directional passthrough transmission with transmitter
- POWER** • 1 x 4-pin DIN connector power adapter 24 VDC 5 A
- GENERAL** • Operation Temperature: -5 - +55 °C
- • Storage Temperature: -25 - +70 °C
- • Relative Humidity: 10 % - 90 %
- • External Power Supply: Input: AC 100/240 V, 50/60 Hz; Output: 24 VDC 5 A
- • Power Consumption: 120 W (Max)
- • USB-C Power Charging: 100 W (Max)
- • Dimension (Transmitter) (W x H x D): 10.43 x 5.9 x 1.25 " (265 x 150 x 32 mm)
- • Dimension (Receiver) (W x H x D): 6.8 x 3.7 x 0.96 " (173 x 95 x 24.5 mm)
- • Weight (Transmitter): 2.24 lbs (1.02 Kg)
- • Weight (Receiver): 0.90 lbs (0.41 Kg)
- • HDBaseT Cable: Cat 6 cable can be used for distances up to 50 meters. To reach the maximum distance of 100 meters, Cat 6a (or better) cable with 23 AWG, 4-pair solid bare copper, must be used

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