CONTROL4 CORE 3
CONTROLLER



CONTROL4® CORE 3 CONTROLLER
C4-CORE3

CORE 3 fuses an interactive 4K menu, multiple zones of high-resolution audio, and intelligent automation with a next-generation multi-core processor to produce speed and quality that is perfect for mid-size projects. The updated 4K HDMI output delivers a beautiful, interactive on-screen menu providing instantaneous access to all of the the entertainment, lighting, comfort and security solutions. Powered by Ryff and higher-quality DACs, CORE 3 provides up to 4 independent audio zones to deliver high-resolution audio streaming from up to 12 music services, Airplay-enabled devices, or from the customers local music library.

CORE 3 provides IP, infrared (IR), serial, ZigBee and Zwave* control and automation for audio and video devices, lighting, climate control, door locks and security devices, and more with a library of more than 19,000 drivers. With PoE+ for power, a port for Ethernet out, and its optional mounting bracket, the compact form factor of CORE 3 makes it easy to install in a rack, or alongside any TV or projector. With OvrC Pro built-in, CORE will be the foundation for networking monitoring, management, and remote connections by providing access to the entire network of IP devices, including third-party products. This powerful fusion delivers enhanced troubleshooting capabilities and diagnostic data that makes remote support easy, reduces truck rolls, and improves customer service. View device online status, manage reboots, and quickly add and configure newly discovered devices through the OvrC webpage or mobile app, and provide OvrC Home to customers to empower them with basic troubleshooting capabilities.

- New, updated processors allow CORE 1 to run OS 3 faster and more efficiently, for residential or commercial, with power to spare for new features and functionality currently in development
- Elegant, low-profile design for flexible, simple installation with an included mounting bracket that allows easy mounting to the back of a TV, on the wall, or inside a Versa Box
- 4K HDMI output paired with an advanced multi-core processor deliver the speed and performance needed for a beautiful, interactive on-screen menu for instantaneous access to video, music, lighting, comfort and security solutions
- Better quality DACs provide provide 4 zones (2x digital coax, 1x analog, 1x HDMI) of high-resolution audio with native support for up to 12 streaming services, including Deezer, TIDAL, Pandora, TuneIn, Spotify and SiriusXM, all powered by our high-resolution audio platform: Ryff
- Integrated Power over Ethernet (PoE+) offers single-cable installation for power and network, and enables remote reboot options through OvrC-enabled network switches
- Integrated 2-port Ethernet switch connects CORE 1 and television to the home network without the need to pull an additional network cable or install a network switch
- Included I/O ports (4x IR, 2x serial) and Zigbee antenna provide device control for entertainment, lighting, comfort and security devices
- USB port enables connection to external hard drives for easy access to local music content
- Built-in OvrC Pro for network monitoring and management, remote connections, and advanced troubleshooting capabilities
- An active 4Sight subscription enables Intercom Anywhere and remote access through the Control4 App for OS 3 through Android and iOS, including Apple Watch, with connection speeds faster than ever

*Zigbee antenna is functional at launch. Zwave antenna is non-functional until certification later in 2022.

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Embedded services	
Control4 app	Supports up to 50 iOS and Android devices
OvrC Hub	Built-in OvrC Pro functionality
Music Services	Pandora, Napster, Spotify, TuneIn, TIDAL, Deezer, SiriusXM, SOUNDMACHINE, iHeartRadio, Amazon Music, Radio.com, Qobuz
Apple Support	Airplay-enabled devices
Inputs/Outputs - AV	
Video Out	1 video out—HDMI
Video Out	HDMI 2.0a output; 4K @ 60Hz
Audio Out	4 audio out - HDMI, 2 stereo analog, and Digital Coax
Audio In	1 audio in - dig coax
Audio Playback	AAC, AIFF, ALAC, FLAC, M4A, MP2, MP3, MP4/M4A, Ogg Vorbis, PCM, WAV, WMA
Audio Resolution	Up to 192 kHz / 24 bit
Inputs/Outputs - Network	
Ethernet	10/100/1000BaseT compatible (required for controller setup) 1 Ethernet/POE+ in port, 1 Ethernet out port
WiFi	Accessory only via USB
WiFi Security	WPA/WPA2
WiFi Antena	Accessory only via USB
Zigbee Pro	802.15.4
Zigbee Antenna	External reverse SMA connector
Zwave	Zwave 700 series
Zwave Antenna	External reverse SMA connector
USB Port	1 USB 3.0 port
Inputs/Outputs - Control	
IR out	6 IR out - 5V 27ma max output
IR capture	1 IR receiver—front; 20-60 kHz
Serial out	3 serial out (shared with IR out 1-3)
Contacts	1x; 2-30VDC input, 12VDC 125mA max output
Relays	1x; AC: 36V, 2A max across relay; DC: 24V, 2A max across relay
Power	
Power requirements	100-240VAC, 60/50Hz POE+
Power consumption	Max: 18W, 61 BTUs/hour Idle: 12W, 41 BTUs/hour
Other	
Operating Temperature	32 - 104 F (0 - 40 C)
Storage Temperature	4 - 158 F (-20 - 70 C)
Fan dB level	No fan
Wall Mount Bracket	Yes - seperate
Rack Mount Kit	Yes - seperate
Feet	Yes - included
Other - Mechnical and Hardward	
Front Panel LEDs	Status LEDs (listed left to right): music streaming, warning, link, power
ID Button	Includes LED that mimics the power LED on the front panel
CPU	i.MX8Mi
RAM	2GB Minimum
Flash Disk	16GB eMMC
Security	Secure Boot
OSD	QT OSD

For product photos, documentation, and installation instructions, visit ctrl4.co/controllers

ONLINE PORTAL—CONTROLLERS

ctrl4.co/controllers

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