



LINKVIL Smart Conference Station CA600

LINKVIL CA600 is an Android-based smart wireless conferencing station designed for small to medium-sized meeting rooms. It mainly consists of the dual-screen Android conference terminal CP90 and the smart wireless 4K camera CC80. The CP90 features dual high-definition displays that support both synchronous and asynchronous operation, providing a flexible and efficient visual management experience. Equipped with a 12-microphone linear array and dual stereo speakers, it combines intelligent noise reduction and echo cancellation technologies to deliver clear, natural full-duplex voice communication and rich, transparent audio performance.

The CC80 integrates dual 8 MP + 13 MP cameras with optical zoom, easily capturing every meeting detail for sharper and more professional video output. It supports 4K ultra HD wireless dual casting, enabling multi-screen content sharing for modern conference needs. Built-in microwave radar sensors intelligently detect and track room dynamics, while auto-framing automatically adjusts the composition to ensure optimized video framing and intelligent image management. With comprehensive BYOD support, the CA600 allows users to connect laptops or tablets via the CP90's built-in USB-C cable, enjoying 4K wireless low-latency screen casting and 4K ultra-wide conferencing video streaming—no extra software or drivers required.

It simplifies your meeting experience, keeping your workspace clean and organized while enabling highly efficient collaboration.

Highlights

Dual HD Screens — Smarter Presentation & Control

Supports dual high-definition displays for both synchronous sharing and independent operation. Content and control interfaces are clearly separated, making meetings smoother, more organized, and more intuitive.

One-Touch Wireless Casting — High Compatibility, Smart Connection

No external transmitter required. Connect directly to laptops, tablets, or smartphones and mirror the screen wirelessly with a single tap. Supports smooth 4K casting and integrates Android OS for direct one-click sharing in major conferencing apps — plug in, connect, and start your meeting instantly.

Intelligent Noise Reduction , Every Word Heard Clearly

Equipped with 12 high-performance silicon microphones in a linear array for precise voice pickup. Combined with AI noise suppression and echo-cancellation technology, it eliminates background noise and ensures clear, natural two-way audio within a 3.5-meter range.

Immersive Stereo Sound — Realistic, Lifelike Communication

Dual-speaker stereo system with large $\phi 45$ mm drivers and 4 Ω / 8W output delivers full, detailed sound. Whether in one-to-one talks or multi-party meetings, voices are crisp, true, and immersive.

Dual Smart Cameras — Always Tracking the Speaker

Equipped with 8 MP + 13 MP dual cameras and AI algorithms for face framing, speaker tracking, whiteboard recognition, and gallery view. The camera automatically follows the flow of discussion — keeping every frame focused on what matters.

Flexible Microphone Expansion — Extended Coverage with Ease

Supports daisy-chaining of up to two wired extension microphones, expanding pickup range freely. Ideal for boardrooms or team roundtables — every voice is captured clearly and naturally.

Broad Compatibility — One Device, Total Control

Built-in Gigabit Ethernet, USB 3.2, and HDMI 1.4 interfaces. Supports Bluetooth audio and wireless casting from computers or mobile devices. Fully compatible with leading conferencing platforms (including 3CX with key-sync support). With PoE AT power delivery, a single network cable provides both power and data — simplifying installation for a cleaner, more efficient workspace.



Specifications

CP90 Conference Station

System	Version	Andriod14 (open)
	CPU	8 Core
Screen	Type	11-inch Screen x 2
	Resolution	2K (16:10)
	Material	IPS LED panel
	Contrast ratio	1400:1 (typical)
	Viewing angle	±80° (typical)
	Brightness	400 cd/m ²
	Color Depth	16.70M colors
	Color gamut	70% NTSC
Screen Operation	Feature	Capacitive touch
		Multi-Point touch
Screen Sharing	Casting Maximum Resolution	3480x2160@30FPS
Sensor	Type	Ambient Light Sensor x 2
	Feature	Ambient Light-Adaptive Screen Brightness
Microphone	Type	12 x MEMS microphones for 360° pickup
	Pick-up Range	6m (3.5m duplex)
	Signal to Noise Ratio (SNR)	64.5dB(A)
	Sensitivity	80±3dB with ,at 1W 1m
	Acoustic Overload Point	120dB SPL <10%@1kHz
	Frequency response	100Hz—10KHz
		Full-duplex
		Beamforming
Acoustic Echo Cancellation (AEC)		
Feature	Adjustive Noise Suppression (ANS)	
	Automatic Gain Control (AGC)	
	Reverberation Reduction	
Speakerphone	Type	4Ω 8W x 2
	Size	50mm
	Sensitivity	1KHz 85 dB ± 3dB @1m
	Signal to Noise Ratio (SNR)	50dB
	Frequency Range	155Hz—15KHz
	Total harmonic Distortion	160Hz-10KHz MAX 10%
	Audio Codec	SBC
Power	Input	PD65W with a seperate USB-C cable, 20V DC, 3.25A
		Compatible with PD 100W Power Adapter
		POE 802.3at

CC80 Smart 4K Camera

Camera	Sensor	8M+13M-Pixel Dual image sensor	
	FOV	DFOV 114.5° / HFOV 104° / VFOV 67.6°	
	Auto Framing	Supported	
	F/No	1.96—3.6	
	Zooming	3x optical zoom	
	Feature	Auto Focus	
		dynamic compensation	
		Auto brightness	
		Auto white balance	
	Maximum Resolution	3840x2160 30fps/Support 1920x1080 30fps	
	PTZ	Auto	
	Camera Mode	Auto framing/ Speaker tracking/ Gallery mode/ Whiteboard mode	
	Camera Type	Integrated PTZ camera	
	Format Supported	H.264 H.265 /MJPEG/YUV	
Physical Character	Magnetic		
Camera Streaming	Resolution	H.264/H.265 (4K30fps) /MJ (1080p 30fps)	
	Output	MJPEG/ H264/ H265 /YUV / NV12 30P (YUV & NV12, Not Support 4K & 2K) 3840x2160/2560x1440/1920x1080/1280x720/1024x576/960x540/800x448/640x360/320x180/960x720 /800x600/640x480/480x270/352x288/320x240	
Sensor	Type	Microwave Radar sensor x 1	
Power	Input	5V-3A	
CA600			
Connectivity	Wi-Fi	Wi-Fi 6, 2.4G & 5G dual frequency, 802.11a/b/g/n/ac/a	
	Wireless Transmission Protocol	Quick UDP	
	Transmission Distance	Up to 10m	
	Frequency bands & max. transmitted power(Euro)	5180-5320MHz (Wi-Fi 5GHz), Maximum 20dBm 5500-5700MHz (Wi-Fi 5GHz), Maximum 20dBm	
	Bluetooth	Bluetooth 5.4	
	Feature	TCP/IP (IPv4/IPv6), DHCP/ Static IP	
		HTTPS Web secure access	
Master-slave mode switching			
	NFC Connection		
I/O Interface	CC80	Type C x 1(Power), HDMI(OUT) x 1, Type-A x 1	
	CP90	Type C PD x 1, Type C Power x 1, Type-A x 2, RJ45(WAN) x 1, RJ45(Extension) x 1, TF x 1	
Physical Specifications	Dimensions CC80	237x115x103mm	
	Dimensions CP90	330x261x137mm	
	Gift Box Dimension	504x313x210mm	
	Outer CTN Dimension	524x333x445mm(2 Packs)	

Weight CC80	385g/13.58oz
Weight CP90	1860g/65.61oz
Carton Net Weight	2.12 kg
Carton Gross Weight	4.75 kg
Working temperature	0°C to +40°C
Working humidity	10% to 90%RH
Physical Buttons	Casting Button x 1, Volume± x 1, AI Button x 1, Mute Button x 1

Package Contents

- CC80 x 1
- CP90 x 1
- Remote Control x 1 (CC80)
- 1.5m HDMI Cable x 1 (1.4 Version)
- 1.2m USB C-USB C Casting Cable x 1
- 1.5m USB C-USB C Power Cable x 1
- 0.4M USB A 3.0 Extension Cable x 1
- H2C(USB-C to HDMI&USB-A Adapter) Adapter x 1
- CP90 Power Adapter PD65W
- CC80 Power Adapter 1.5V/3A
- Quick Installation Guide
- Safety Information & Declaration

Compliance



Computer USB Type-C Port

USB Type-C Connectivity		Data Transmission	Display	Power Supply
USB 2.0 480 Mbps	General	✓	✗	✗
	PD Available	✓	✗	✓
USB 3.1 Gen1 5 Gbps	General	✓	✗	✗
	PD Available	✓	✗	✓
USB 3.1 Gen2 10 Gbps	General	✓	✗	✗
	PD Available	✓	✗	✓
Display Port 5-10 Gbps	General	✓	✓	✗
	PD Available	✓	✓	✓
Thunderbolt 20-40 Gbps PD enabled Display Port		✓	✓	✓

About LINKVIL

As a sub-brand of Fanvil, LINKVIL focuses on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps customers to achieve full connection of wireless communication systems and will build a wireless communication Eco-system for multi-scenarios to help different industries accelerate their digital transformation.

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More Information

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.

For more information, please visit: www.fanvil.com