

Fanvil LINKVIL CA600 Smart Conference Station (CA600)



Product Name: Fanvil LINKVIL CA600 Smart Conference Station (CA600)

Manufacturer: Fanvil

Model Number: CA600

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The Fanvil 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 11-inch 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 within a 3.5-metre duplex range. The CC80 integrates dual 8 MP + 13 MP cameras with 3x 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 optimised 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. Built-in Gigabit Ethernet, USB 3.2, and HDMI 1.4 interfaces provide broad compatibility, with PoE AT power delivery allowing a single network cable to provide both power and data, simplifying installation for a cleaner, more efficient workspace. The CA600 is fully compatible with leading conferencing platforms, including 3CX with key-sync support.

Fanvil CA600 Technical Specifications:

CP90 Conference Station — System

• System version: Android 14 (open)

• CPU: 8 Core

CP90 Conference Station — Screen

• Type: 11-inch screen x 2

• Resolution: 2K (16:10)

• Material: IPS LED panel

• Contrast ratio: 1400:1 (typical)

• Viewing angle: $\pm 80^\circ$ (typical)

• Brightness: 400 cd/m²;

• Colour depth: 16.70M colours

• Colour gamut: 70% NTSC

• Screen operation: capacitive touch, multi-point touch

• Screen sharing / casting maximum resolution: 3480x2160@30FPS

• Sensors: 2 x Ambient Light Sensor, ambient light-adaptive screen brightness

CP90 Conference Station — Microphone

• Type: 12 x MEMS microphones for 360 \circ pickup

• Pick-up range: 6m (3.5m duplex)

• Signal to Noise Ratio (SNR): 64.5dB(A)

• Sensitivity: 80 \pm 3dB at 1W 1m

• Acoustic overload point: 120dB SPL <10% @1kHz

• Frequency response: 100Hz–10KHz

• Features: full-duplex, beamforming, Acoustic Echo Cancellation (AEC), Adjustive Noise Suppression (ANS), Automatic Gain Control (AGC), reverberation reduction

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CP90 Conference Station — 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

CP90 Conference Station — Power

- Input: PD65W with a separate USB-C cable, 20V DC, 3.25A; compatible with PD 100W power adapter
- PoE: 802.3at

CC80 Smart 4K Camera

- Sensor: 8MP+13MP dual image sensor
- Field of view: DFOV 114.5° / HFOV 104° / VFOV 67.6°
- Auto framing: supported
- F/No: 1.96–3.6
- Zooming: 3x optical zoom
- Features: auto focus, dynamic compensation, auto brightness, auto white balance, automatic radar sensing
- Maximum resolution: 3840x2160 30fps / supports 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 supporting 4K & 2K); resolutions from 3840x2160 down to 320x240
- Sensor: 1 x Microwave Radar sensor
- 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) max 20dBm; 5500-5700MHz (Wi-Fi 5GHz) max 20dBm
- Bluetooth: Bluetooth 5.4
- Features: TCP/IP (IPv4/IPv6), DHCP/Static IP, HTTPS web secure access, master-slave mode switching, NFC connection

I/O Interfaces

- 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

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Physical Specifications

• Dimensions CC80: 237 x 115 x 103mm

• Dimensions CP90: 330 x 261 x 137mm

• Weight CC80: 385g (13.58oz)

• Weight CP90: 1860g (65.61oz)

• Working temperature: 0°C to +40°C

• Working humidity: 10% to 90% RH

• Physical buttons: Casting Button x1, Volume+ x1, AI Button x1, Mute Button x1

• Compliance: CE, FCC, RoHS

Package Contents

• 1 x CC80 4K Camera

• 1 x CP90 Conference Terminal

• 1 x Remote Control (for CC80)

• 1 x 1.5m HDMI Cable (v1.4)

• 1 x 1.2m USB C-USB C Casting Cable

• 1 x 1.5m USB C-USB C Power Cable

• 1 x 0.4m USB A 3.0 Extension Cable

• 1 x H2C (USB-C to HDMI & USB-A Adapter)

• 1 x CP90 Power Adapter (PD65W)

• 1 x CC80 Power Adapter (1.5V/3A)

• 1 x Quick Installation Guide

• 1 x Safety Information & Declaration

Price: Â£2,170.00