Yealink

VC800

Video Conferencing Endpoint for Large Room
Designed for Better Collaboration

Yealink helps to cut long-distance communication costs and satisfies the multipoint conference needs of the modern workplace. The Yealink VC800 room system is ideal for medium and large meeting room environments. It features an all-in-one design and first-class video and audio technology that creates an easier and more effective collaboration experience. As the newest generation of Yealink VC series video conferencing systems, the VC800 adopts an intuitive user interface that makes meeting control simpler. Featuring H.265/HEVC, Opus and HD voice, the Yealink VC800 facilitates more immersive audio-visual collaboration. By leveraging Yealink Meeting Server(YMS), the VC800 seamlessly supports Meeting Scheduling and One-touch Meeting Access.

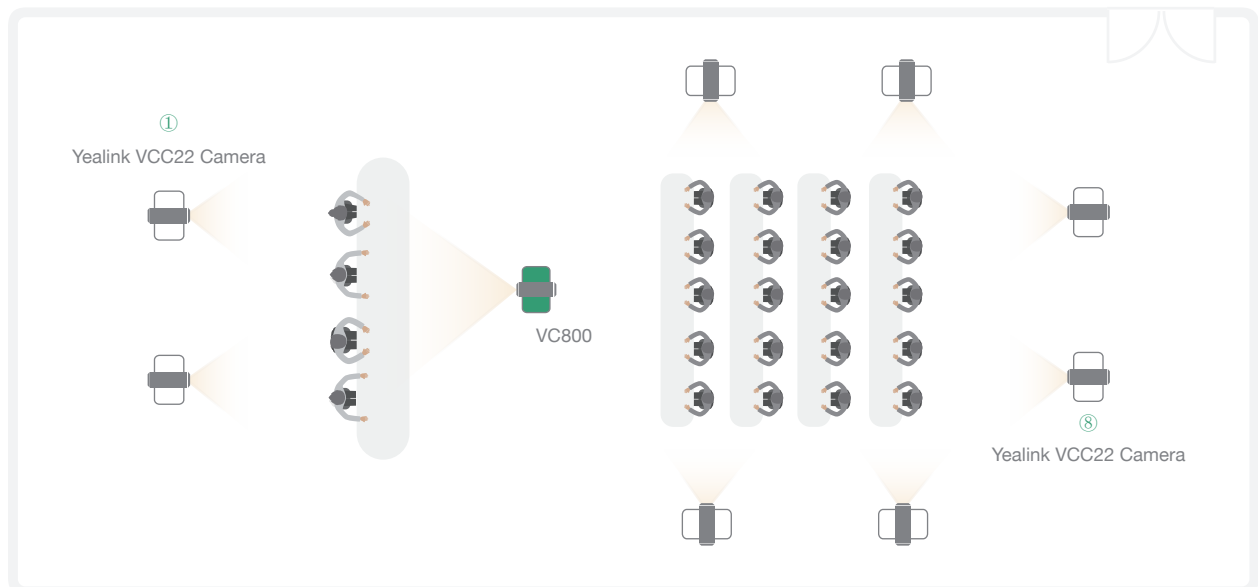## Satisfy Multipoint Conference Needs Thanks to the Powerful MCU

Yealink VC800 room system is designed to solve small and medium company's multi-party conference needs. Equipped with the powerful built-in MCU, Yealink VC800 supports 24-site HD video conferencing capacity and it can be divided into 2 Virtual Meeting Rooms which perfectly meets modern workplace long-distance communication needs.

VMR1

VMR2

The Most Powerful Multi-Camera Solution Ever

The VC800 multi-camera solution enables up to 9 cameras to work at the same time. You can control each camera separately, put all cameras in one picture, or set certain picture larger/full screen.
The deployment is simple by connecting VC800 and VCC22 cameras to PoE switch only with Ethernet cables, no need for extra power supplies for VCC22, or extra video matrix.
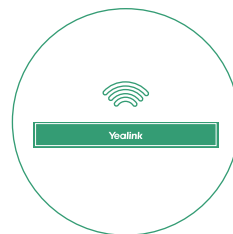
① Yealink VCC22 Camera

VC800

⑧ Yealink VCC22 Camera

Interaction And Collaboration Enhance The Conference Experience Comprehensively

· Multiple participants can annotate content sharing at the same time, assisting high-efficient video conference.

· Multi-party interaction on electronic whiteboard, real-time synchronization of each party's writing track, and a variety of handwriting options all help to bring a better collaborative experience.

· Supports local multi-screen interaction. Paring with WPP20, users can easily realize reverse control of compute via touchable TV or CTP20.

Two Packages to Enhance Diversity

· VC800-VCM34-CTP20 includes a microphone features 360 ° omnidirectional high-quality voice pickup in radius of 6 meters. By maximum cascade of four microphones, the voice pickup scope can be effectively expanded. Matching with Yealink MSpeaker, the audio effect would be more excellent.

· VC800-Phone includes a conference phone CP960 featuring 20ft/360° voice pickup distance by built-in 3-microphone array and high-quality speakers, intelligent noise cancellation technology, and Opus audio algorithms to create a professional audiovisual experience for users.

· Yealink patented smart noise proof technology eliminates the noise of keyboard, mouse click and other non-voice interference intelligently, making the communication more focused.

All-in-one Design Creates Easier Meeting Experience and Simpler Deployment

Yealink VC800 owns compact design which combines codec and camera together, only one CAT5E standard network cable could connect TV area and conference table. Brand-new intuitive user interface and touch panel make meeting simpler to control.

CAT5E Standard Network Cable
(Power/Audio/Control)

Compatibility and Integration

Support standard H.323/SIP dual protocol. Deeply integrated with Yealink Meeting Server(YMS), Yealink VC800 supports Meeting Scheduling and One-touch Meeting Access. By working with Yealink Cloud Management Service, Yealink VC800 also brings quick deployment. Besides, it supports the 3rd-party room system and integrates with the leading cloud platforms.

VC800 Endpoint Specification

Module	Features	VC800-VCM-CTP	VC800-Phone
Multipoint	Maximum multipoint capability	Up to 24 sites	Up to 24 sites
	Virtual meeting rooms	2	2
	Automatic voice activated switching layout	√	√
Camera Features	Zoom	12X optical	12X optical
	Frame rate	60 FPS	60 FPS
	Horizontal field of view	70°	70°
	Multi-camera solution	Support up to 1+8 cameras	Support up to 1+8 cameras
Video Features	Video call quality	Up to 1080p60fps	Up to 1080p60fps
	Bandwidth requirement	1080P from 512kbps in H.265	1080P from 512kbps in H.265
	Video packet Loss recovery	30%	30%
	Local HD recording to USB flash drive	√	√
Audio Device	Microphone Model	VCM34 Video Conferencing Microphone Array	CP960 Video Conference Phone
	Voice pickup distance	20ft/6 meters	20ft/6 meters
	3-microphone array	√	√
	Expansion Microphones/Maximum devices in one system	Up to 4 units in one system	2 x CP Wireless Expansion Mic CPW90 or 2 x CP Wired Expansion Mic CPE90
	Noise Proof technology	√	√
	Speaker	MSpeaker (Optional)	CP960 built-in speaker
Touch Controller	Touch Controller Model	CTP20 Collaboration Touch Panel	CP960 Video Conference Phone
	Display	13.3-inch full-fit capacitive touchscreen (1920 x 1080)	5-inch capacitive touchscreen (720 x 1280)
	Maximum devices connections simultaneously	4	1
	Touch Pen	Support active pressure capacitance pen	X
Collaboration Features	Whiteboard	√	√
	Annotation on content sharing	√	√
	Multi-screen interaction	√	√
	Reverse control	√*	√*
Network & Securit	TCP/IP	IPv4 and IPv6	IPv4 & IPv6
	Communication protocols	H.323/SIP	H.323/SIP
	Traversal features	ICE/TURN/STUN/NAT/H.460	ICE/TURN/STUN/NAT/H.460
	Encryption	SRTP/TLS/H.235/AES 256-bit	SRTP/TLS/H.235/AES 256-bit
Physical Connections	Video output	2 x HDMI	2 x HDMI
	Video input for content	1 x HDMI & 1 x Mini Display Port	1 x HDMI 1 x Mini DP
	VCH/Phone port	1 x RJ45	1 x RJ45
	Line-in/Line-out	√	√
	USB interface	2 x USB2.0 in VC800 codec 1 x USB2.0 in VCH50 cable hub 1 x USB2.0 in CTP20	2 x USB2.0 in VC800 codec 1 x USB2.0 in VCH50 cable hub 1 x USB2.0 in CTP20
	Network interface	1 x 10/100/1000M Ethernet	1 x 10/100/1000M Ethernet
	Power adapter	48V/0.7A	48V/0.7A
Video Codec	H.265, H.264 High Profile, H.264, H.263, H.263+		
Audio Codec	ARES, Opus (8-48kHz), G.722.1C, G.722.1, G.722, G.711 (PCMU/PCMA), G.729		
Video Resolution	1080P, 720P, 540P, 360P, 4CIF, CIF		
Compatible Cloud	Yealink Meeting Server, Yealink Cloud Management Service, Pexip, Mind, Zoom, BlueJeans		
*Reverse control needs to be used with WPP20			

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