



Wave App

Connect Anywhere at Anytime

Wave is a mobile, desktop and web app that provides remote voice and video collaboration tools for businesses utilizing Grandstream's UCM6300 series IP PBXs. Ideal for remote workers, Wave offers an easy-to-use platform to remotely join, schedule and hold meetings, calls and conferences from anywhere. It also allows UCM6300 series users to directly call other extensions, landlines, and mobile numbers. Wave is free, available for Android and iOS devices as well as PC/Mac and can be quickly configured by scanning a barcode produced by the UCM6300 series. It pairs with Grandstream's UCM RemoteConnect cloud service, which ensures a fully secure connection between Wave and the UCM6300 series by providing automated NAT Traversal. Thanks to Wave, businesses can provide remote workers with a powerful mobile and desktop tool to meet and collaborate from anywhere, boosting productivity for dispersed organizations and remote workers.



Supports Android & iOS devices; Chrome and Firefox browsers; Windows & Mac



Remotely join meetings, calls and conferences



Compatible with Wi-Fi and 2G/3G/4G/5G networks



Allows UCM6300 series users to call other extensions, landlines & mobile numbers



Schedule and start meetings from the app



Supports PC and mobile built-in cameras & USB webcams



Supports video resolutions up to 1080p HD



Provides HD audio for crystal-clear meetings and calls



Basic chat features including private chat, group chat, audio conferencing and more



Supports use with Bluetooth, USB and other headsets



Download app & scan QR code from UCM6300 series to configure



Compatible with UCM RemoteConnect cloud service for secure remote connections

Wave Mobile app

Wave Desktop & Web

Protocols/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, DNS (A record, SRV, NAPTR), STUN/TURN/ICE, SIMPLE, LDAP, TLS, SRTP, IPv6	
Network	Wi-Fi, 2G/3G/4G/5G	Network connection provided by PC
Compatability	Android and iOS devices (Google Play Store & Apple App Store)	Web: Firefox and Chrome browsers (WebRTC) Desktop: Windows 10+ and Mac OS 10+ computers
Video Streaming Resolution	Up to 1080p	
Camera	Supports mobile device's front and rear cameras	Supports built-in webcams, USB webcams (including Grandstream GUV series), etc.
Headset	Supports mobile device's Bluetooth connection, 2.5mm & 3.5mm headsets	Supports USB, Bluetooth, 2.5mm and 3.5mm headsets
Bluetooth	Supports Bluetooth functionality of mobile devices, computers and laptops	
Voice Codexs and Capabilities	Opus, G.711 A-law/U-law, G.722, G.726-32, G.729A/B, iLBC, GSM, NACK	Opus, G.711 A-law/U-law, G.722, G722.1 G722.1C, G.723.1 5.3K/6.3K, G.726-32, G.729A/B, iLBC, GSM, NetEQ, FEC 2.0, NACK
DTMF	In-audio, RFC2833, SIP INFO	
High Audio Quality	Full-duplex speaker, AEC, AGC, Noise Reduction, PLC, Adaptive JIB	
Video Codexs and Capabilities	H.264 Video resolution up to 1080P HD, on-screen-display, camera block, GS-FEC	
Video Layout <i>(for Wave desktop and web)</i>	Supports focused and tiled screen layout - Default 4 video screens (1 up to 1080P) and 1 screen sharing (1080P) - Up to 9 video screens (1 up to 1080P) and 1 screen sharing (1080P)	
Meeting/Conference Control	Invite participants with contacts, links or QR code, remove a participant, mute participants, lock meeting	
Meeting/Conference Chat	Basic chat features (beta) including private chat, group chat, file attachments, initiate audio conference	
Telephony Features	Hold, audio conference, video conference, transfer, call histry, contacts Android version: supports call-waiting and switching between two calls	Hold, call forward, audio conference, video conference, call history, DND, ring simultaneously, time schedule, call wakeup, SCA, BLF, call follow me, call record files, CDR, CRM, schedule meeting, contacts
UCM Integration	Feature code synchronization, call recording, transfer, conference room, voicemail	
Mobile Device Integration <i>(for Wave mobile)</i>	Supports background mode, proximity sensor for in-call touch screen and keys lock	
QoS	Layer 3 (ToS, DiffServ, MPLS) QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
Supported Languages	English, Simplified Chinese	
Security	SIP over TLS, SRTP (128-bit and 256-bit), HTTPS	SIP over TLS, SRTP (128-bit and 256-bit), HTTPS, SSH, 802.1X
Login Methods	Account extension number and password; login via QR code; join meeting via QR code	
Firmware Upgrade	Updated through Google Play Store or Apple App Store	Upgrade from UCM6300 series IP PBX (admin webUI)