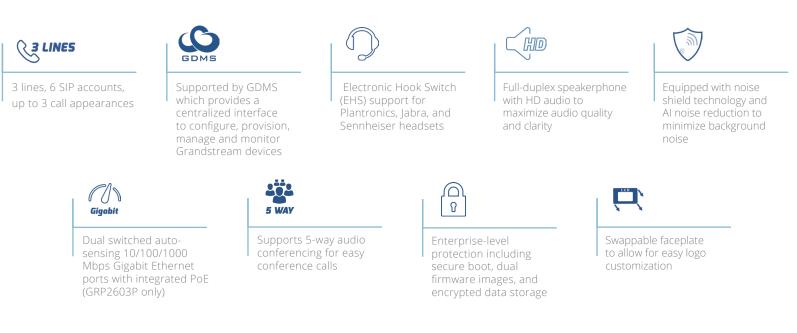# 3-Line Essential IP Phone
GRP2603 • GRP2603P

Part of the GRP series of Carrier-Grade IP Phones, the GRP2603 is an essential 3-line model designed with zero-touch provisioning for mass deployment and easy management. It features a sleek design and a suite of next-generation features including: 5-way voice conferencing to maximize productivity, integrated PoE (GRP2603P), full HD audio on both the speaker and handset to allow users to communicate with the utmost clarity, EHS support for Plantronics, Jabra, and Sennheiser headsets and multi-language support. The GRP series includes carrier-grade security features to provide enterprise-level security, including secure boot, dual firmware images and encrypted data storage. For cloud provisioning and centralized management, the GRP2603 is supported by Grandstream's Device Management System (GDMS), which provides a centralized interface to configure, provision, manage and monitor deployments of Grandstream endpoints. Built for the needs of on-site or remote desktop workers and designed for easy deployment by enterprises, service providers and other high-volume markets, the GRP2603 offers an easy-to-use and easy-to-deploy voice endpoint.

3 LINES	GDMS		HD	
3 lines, 6 SIP accounts, up to 3 call appearances	Supported by GDMS which provides a centralized interface to configure, provision, manage and monitor Grandstream devices	Electronic Hook Switch (EHS) support for Plantronics, Jabra, and Sennheiser headsets	Full-duplex speakerphone with HD audio to maximize audio quality and clarity	Equipped with noise shield technology and AI noise reduction to minimize background noise

Gigabit	5 WAY		LCD
Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE (GRP2603P only)	Supports 5-way audio conferencing for easy conference calls	Enterprise-level protection including secure boot, dual firmware images, and encrypted data storage	Swappable faceplate to allow for easy logo customization

Protocols/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, RTCP-XR, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, SNMP, 802.1X, TLS, SRTP, IPv6
Network Interfaces	Dual switched auto-negotiation 10/100/1000 Mbps Ethernet ports, integrated PoE (GRP2603P only)
Graphic Display	132 x 64 (2.7") backlit graphical LCD display
Feature Keys	3 line keys with dual-color LED and support for 6 SIP accounts, 4 XML programmable context sensitive soft keys, 5 (navigation, menu) keys. 9 dedicated function keys for: MESSAGE(with LED indicator), TRANSFER, HOLD, HEADSET, MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL-
Auxiliary Port	RJ9 headset jack (allowing EHS with Plantronics & Jabra &Sennheiser headsets)
Voice Codecs and Capabilities	Support for G.729A/B, G.711µ/a-law, G.726, G.722(wide-band), G.723,iLBC, OPUS, in-band and out-of-band DTMF(in audio, RFC2833, SIP INFO), VAD, AEC, CNG, PLC, AGC, AJB
Telephony Features	Hold, transfer, forward, 5-way conference, call park, call pickup, shared-call-appearance(SCA)/bridged-line-appearance(BLA), downloadable phonebook(XML, LDAP, up to 2000 items), call waiting, call log(up to 800 records), off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot-desking, personalized music ringtones and music on hold, server redundancy and fail-over
HD Audio	Yes, HD handset and speakerphone with support for wideband audio
Base Stand	Yes, 2 angle positions available (39° & 45°), Wall Mountable (*wall mount sold separately)
QoS	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS
Security	Ordinary user and administrator level passwords based on SHA-256 and SHA-256 sess authentication, SIP authentication algorithms based on SHA-256, SHA-256 sess, SHA-512/256, SHA-512/256 sess, MD5 sess. AES security profile, SRTP, TLS call encryption, 802.1X media access control.
Multi-language	English, Chinese, Korean, Japanese, German, Italian, French, Spanish, Portuguese, Russian, Croatian, and more
Upgrade/Provisioning	Firmware upgrade via FTP/TFTP / HTTP / HTTPS, mass provisioning using GDMS/TR-069 or AES encrypted XML configuration file
Power & Green Energy Efficiency	Universal Power Supply Input 100-240VAC 50-60Hz; Output +5VDC, 600mA;PoE: IEEE802.3af Class 1, 3.84W; IEEE802.3az (EEE) (GRP2603P Only)
Temperature and Humidity	Operation: 0°C to 40°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
Package Content	GRP2603 phone, handset with cord, base stand, universal power supply(GRP2603 only), network cable, Quick Installation Guide
Physical	Dimension: 214mm (L) x 206mm (W) x 68mm (H) (with handset) Unit weight: 780g; Package weight: 1090g for GRP2603P &1140g for GRP2603
GRP2603/GRP2603P Compliance	FCC: Part 15 Class B; FCC Part 68 HAC; CE: EN 55032; EN 55035; EN 61000-3-2; EN 61000-3-3; EN 62368-1; RCM: AS/NZS CISPR32; AS/NZS 62368.1; AS/CA S004; IC: ICES-003; CS-03;

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