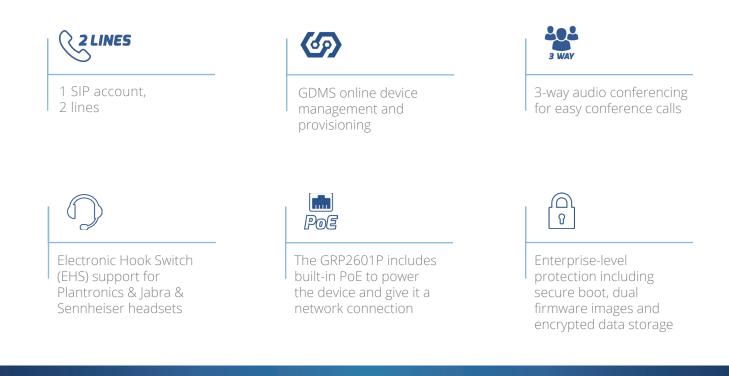# Carrier-Grade IP Phone
GRP2601 • GRP2601P

The GRP2601 is a standard 2-line carrier-grade IP phone designed with zero-touch provisioning for mass deployment and easy management. It features a sleek design and a suite of next-generation features including 3-way voice conferencing to maximize productivity, EHS support for Plantronics & Jabra & 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 GRP2601 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 basic needs of desktop workers and designed for easy deployment by enterprises, service providers and other high-volume markets, the GRP2601 offers an easy-to-use and easy-to-deploy voice endpoint.

2 LINES
1 SIP account, 2 lines

GDMS online device management and provisioning

3 WAY
3-way audio conferencing for easy conference calls

Electronic Hook Switch (EHS) support for Plantronics & Jabra & Sennheiser headsets

PoE
The GRP2601P includes built-in PoE to power the device and give it a network connection

Enterprise-level protection including secure boot, dual firmware images and encrypted data storage

Protocols/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6
Network Interfaces	Dual switched auto-sensing 10/100 Mbps Ethernet ports, integrated PoE (GRP2601P only)
Graphic Display	132 x 48 (2.21") LCD display
Feature Keys	4 XML programmable context sensitive soft keys, 5 (navigation, menu) keys. 8 dedicated function keys for: MESSAGE(with LED indicator), TRANSFER,HEADSET, MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL-
Voice Codecs and Capabilities	Support for G7.29A/B, G.711μ/a-law, G.726, G.722(wide-band),G723,iLBC, OPUS, in-band and out-of-band DTMF(in audio, RFC2833, SIP INFO)
Telephony Features	Hold, transfer, forward, 3-way conference, call park, call pickup, shared-call-appearance(SCA)/bridged-line-appearance(BLA), downloadable phonebook(XML, LDAP, up to 1000 items), call waiting, call log(up to 200 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
Auxiliary Ports	RJ9 headset jack (allowing EHS with Plantronics & Jabra &Sennheiser headsets)
Base Stand	Yes, 1 angle positions available, Wall Mountable (*wall mount sold separately)
QoS	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS
Security	User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, SRTP, TLS, 802.1x media access control, secure boot
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) (GRP2601P Only)
Temperature and Humidity	Operation: 0°C to 40°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
Package Content	GRP2601/2601P phone, handset with cord, base stand, universal power supply (GRP2601 only), network cable, Quick Installation Guide
Physical	Dimension: 195mm (L) x 180mm (W) x 30.3mm (H) (with handset) Unit weight:1020g ; Package weight:1650g
Compliance	FCC: Part 15 Class B; Part 15 Subpart C 15.247; Part 15 Subpart E 15.407; FCC Part 68 HAC; Part 1 Subpart I(MPE) CE: EN 55032; EN 55035; EN 61000-3-2; EN 61000-3-3; EN 62368-1; EN 301489-1; EN 301489-17; EN 300328; EN 301893; EN 62311 RCM: AS/NZS CISPR32; AS/NZS 4268; AS/NZS 62368.1; AS/CA S004; AS NZS 2772.2 IC: ICES-003; CS-03; RSS-247; RSS-102(MPE).