



3-Line Essential IP Phone

GRP2604 • GRP2604P

The 3-Line Essential Lite IP Phone models, GRP2604 and GRP2604P, are part of the GRP Carrier-Grade IP Phone series, which is designed with zero-touch provisioning for mass deployment and easy management. Featuring a sleek design, this series delivers a powerful suite of next-gen capabilities—including 5-way voice conferencing to boost productivity, full HD audio on both speaker and handset, and EHS compatibility for headsets from Plantronics, Jabra, Sennheiser, and more. To perfectly fit your infrastructure, choose the GRP2604P for integrated PoE. The GRP2604/P IP phones provide carrier-grade and enterprise-level security. Deployment is effortless through GDMS, providing a unified cloud interface for remote configuration and centralized management. Engineered for on-site or remote desktop workers, the series provides an easy-to-use, highly deployable voice endpoint optimized for enterprises, service providers, and high-volume markets.



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



Includes built-in Electronic
Hook Switch (EHS)
compatibility for premium
headsets from Plantronics,
Jabra, Sennheiser, and more



Includes a 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



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-MED, LDAP, TR-069, SNMP, 802.1X, TLS, SRTP, IPv6
Network Interfaces	Dual switched auto-negotiation 10/100/1000 Mbps Ethernet ports, integrated PoE (GRP2604P only)
Graphic Display	132 x 64 (2.7") backlit graphical LCD display
Feature Keys	- Line Keys: 3 line keys with dual-color LED and support for 6 SIP accounts - Softkeys: 4 XML programmable context sensitive keys - Navigation: 5 navigation / menu keys 10 BLF keys 8 fixed keys: MESSAGE (with LED indicator), TRANSFER, HEADSET, MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL-
Auxiliary Port	1 × RJ9 headset jack (EHS compatible: Plantronics, Jabra, Sennheiser and more)
Voice Codecs and Capabilities	Support for G.729A/B, G.711μ/a-law, G.726, G.722 (wide-band), G.723.1, 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), of-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 bracket sold separately)
QoS	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, Diff Serv, MPLS) QoS
Security	- TLS 1.3 support - Web Access through HTTPS, with user- and administrator-level passwords based on SHA-256 and SHA-256-session - SIP support for TLS, with mutual certificate validation (both sides) - SIP authentication algorithms based on SHA-256, SHA-256-session, SHA-512/256-session, and MD5-session - Media support for DTLS-SRTP and SDES-SRTP with crypto AEAD-AES-256-GCM, AES_256_CM_HMAC_SHA1_32, AES_256_CM_HMAC_SHA1_80, AES_CM_128_HMAC_SHA1_32, and AES_CM_128_HMAC_SHA1_80 802.1X Media access control
Multi-language	Arabic, Catalan, Chinese (Simplified), Chinese (Traditional), Croatian, Czech, Dutch, English, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Latvian, Polish, Portuguese, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish, Ukrainian
Upgrade/Provisioning	Firmware upgrade via FTP, TFTP, TFTP/HTTPS, HTTP and HTTPS Mass provisioning using GDMS/TR-069 or AES encrypted XML configuration file
Power & Green Energy Efficiency	Universal Power Adapter: Input: 100–240 V AC, 50–60 Hz; Output: 5 V DC, 600 mA PoE (GRP2604P only): IEEE 802.3af Class 1, 3.84 W; IEEE 802.3az (EEE)
Temperature and Humidity	Operating Temperature: 0 °C to 40 °C (32 °F to 104 °F) Storage Temperature: -10 °C to 60 °C (14 °F to 140 °F) Humidity: 10%–90%, non-condensing
Package Content	GRP2604 phone, handset with cord, base stand, universal power supply (GRP2604 only), network cable, Quick Installation Guide, BLF Labels
Physical	Dimension: 214 mm × 206 mm × 68 mm (8.43" × 8.11" × 2.68")(L × W × H)(With Handset) Unit Weight: 790 g (1.74 lb) Package Weight: GRP2604: 1,150 g (2.54 lb) GRP2604P: 1,100 g (2.43 lb)
GRP2604/GRP2604P 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