



GRANDSTREAM
CONNECTING THE WORLD



2-Line Essential IP Phone

GRP2602 • GRP2602P • GRP2602W • GRP2602G

The 2-Line Essential Lite IP Phone models, GRP2602, GRP2602P, GRP2602W and GRP2602G, 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 GRP2602P and GRP2602G for integrated PoE or the GRP2602W for dual-band Wi-Fi support. The GRP2602/P/W/G 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.



Supports 2 lines, and 4 SIP accounts



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



The GRP2602P/ GRP2602G includes built-in PoE to power the device and give it a network connection



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



Integrated dual-band Wi-Fi 6 (2.4/5 GHz) on GRP2602W (hardware v5.0 and above)

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 Mbps Ethernet ports, integrated PoE (GRP2602P only) - Dual switched auto-negotiation 10/100/1000 Mbps Ethernet ports, integrated PoE (GRP2602G only) - Dual switched auto-negotiation 10/100 Mbps Ethernet ports (GRP2602W Only)
Wi-Fi	GRP2602W: integrated dual-band (2.4 GHz and 5 GHz) Wi-Fi 6 (802.11a/b/g/n/ac/ax) for hardware version 5.0 and above
Graphic Display	132 x 48 (2.41") backlit graphical LCD display
Feature Keys	• Line Keys: 2 line keys with dual-color LED and support for 4 SIP accounts • Softkeys: 4 XML programmable context sensitive keys • Navigation: 5 navigation / menu 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), off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot-desking, personalized music ringtones and music on hold, server redundancy and failover
HD Audio	Yes, HD handset and speakerphone with support for wideband audio
Base Stand	Yes, 1 angle position available (45°), Wall Mountable (*wall-mount bracket sold separately)
QoS	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS
Security	• TLS 1.3 support • Web Access through HTTPS, with user- and administrator-level passwords based on SHA-256 and SHA-256-sess • SIP support for TLS, with mutual certificate validation (both sides) • SIP authentication algorithms based on SHA-256, SHA-256-sess, SHA-512/256-sess, and MD5-sess • 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, 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 (GRP2602P / GRP2602G): 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	GRP2602 phone, handset with cord, base stand, universal power supply (not included with GRP2602P), network cable, Quick Installation Guide
Physical	Dimension: 208 mm × 180 mm × 63.4 mm (8.19" × 7.09" × 2.50")(L × W × H)(With Handset) Unit Weight: 670 g (1.48 lb) Package Weight: GRP2602 / GRP2602G / GRP2602W: 880 g (1.94 lb) GRP2602P: 830 g (1.83 lb)
GRP2602 / GRP2602P / GRP2602G Compliance	• FCC: Part 15 Subpart B, Class B; 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 Part V
GRP2602W Compliance	• FCC: Part 15 Subpart B, Class B; Part 15 Subpart E, 15.407; Part 15 Subpart C, 15.247 • CE: ETSI EN 301 893; ETSI EN 301 489-1; ETSI EN 301 489-17; ETSI EN 300 328; EN 62368-1; EN 62311; EN 55032; EN 55035; EN IEC 61000-3-2; EN 61000-3-3 • IC: RSS-247 Issue 2; RSS-Gen Issue 5; ICES-003 Issue 7; CS-03 Part V • RCM: AS/NZS CISPR32; AS/NZS 4268; AS/NZS 2772.2; AS/NZS 62368.1; AS/CA S004