



GRANDSTREAM
CONNECTING THE WORLD



Essential IP Phone

GRP2601 • GRP2601P • GRP2601W

The 2-Line Essential IP Phone models, GRP2601, GRP2601P, and GRP2601W, 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, multi-language support, and EHS compatibility for headsets from Plantronics, Jabra, Sennheiser, and more. To perfectly fit your infrastructure, choose the GRP2601P for integrated PoE or the GRP2601W for single-band Wi-Fi support (2.4 GHz). The GRP2601/P/W 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.



2 SIP account, 2 lines



GDMS online device management and provisioning



5-way audio conferencing for easy conference calls



Equipped with noise shield technology and AI noise reduction to minimize background noise



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



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



GRP2601W includes 2.4 GHz single-band Wi-Fi 6

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 (GRP2601P only)
Wi-Fi	GRP2601W: Single-band 2.4 GHz, 802.11b/g/n/ax
Graphic Display	132 x 48 (2.41") LCD display
Feature Keys	- 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-
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, 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
Auxiliary Ports	1 × RJ9 headset jack (EHS compatible: Plantronics, Jabra, Sennheiser and more)
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 (GRP2601P 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	GRP2601/2601P/2601W phone, handset with cord, base stand, universal power supply (not included with GRP2601P), 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: GRP2601(P): 650 g (1.43 lb) GRP2601W: 651 g (1.44 lb) Package Weight: GRP2601: 860 g (1.90 lb) GRP2601P/ GRP2601W: 810 g (1.79 lb)
GRP2601/GRP2601P 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
GRP2601W Compliance	- CE: EN 300 328; ETSI EN 301 489-1; ETSI EN 301 489-17; EN 55032; EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62368-1; EN IEC 62311 - UKCA: EN 300 328; ETSI EN 301 489-1; ETSI EN 301 489-17; BS EN 55032; BS EN 55035; BS EN IEC 61000-3-2; BS EN 61000-3-3; BS EN IEC 62368-1; BS EN IEC 62311