



# 14-Line Professional Carrier-Grade IP Phone

## GRP2650

Part of the GRP series of Carrier-Grade IP Phones, the GRP2650 is a professional 14-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 & Wi-Fi, full HD audio on both the speaker and handset to allow users to communicate with the utmost clarity, EHS support for Plantronics headsets and integrated USB headset 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 GRP2650 is supported by Grandstream's Device Management System (GDMS), which provides a centralized interface to configure, provision, manage and monitor deployments of Grandstream endpoints. With 56 Virtual Multi-Purpose Keys (VPK), a 5-inch color LCD screen, and support for Bluetooth, EHS (Plantronics) and USB headsets, the GRP2650 is the perfect choice for busy professionals and receptionists who need to manage high call volumes, with advanced functionality. Designed for easy deployment by enterprises, service providers and other high-volume markets, the GRP2650 offers an easy-to-use and easy-to-deploy voice endpoint.



14 lines, 6 SIP accounts



Supported by GDMS which provides a centralized interface to configure, provision, manage and monitor Grandstream devices



RJ9 headset jack allowing EHS with Plantronics headsets, and integrated USB Headset support



Full-duplex speakerphone with HD audio to maximize audio quality and clarity



Equipped with noise shield technology to minimize background noise



Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE



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 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)

<b>Protocols/Standards</b>	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
<b>Network Interfaces</b>	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
<b>Graphic Display</b>	5.0 inch (1280x720) TFT color LCD
<b>Wi-Fi</b>	Yes, integrated dual-band WiFi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)
<b>Bluetooth</b>	Yes, integrated
<b>Feature Keys</b>	14 line keys with up to 6 SIP accounts, 6 XML programmable context sensitive softkeys, 5 navigation/menu keys, 9 dedicated function keys for: MESSAGE(with LED indicator), TRANSFER, HOLD, HEADSET, MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL-
<b>Auxiliary Port</b>	RJ9 headset jack (allowing EHS with Plantronics headsets), USB
<b>Voice Codecs and Capabilities</b>	Support for G.729A/B, G.711 $\mu$ /a-law, G.726-32, G.722(wide-band), G723.1, iLBC, OPUS, in-band and out-of-band DTMF(in audio, RFC2833, SIP INFO)
<b>Telephony Features</b>	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 2000 records), XML customization of screen, 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
<b>HD Audio</b>	Yes, HD handset and speakerphone with support for wideband audio, and dual microphone.
<b>Extension Module</b>	Yes, GBX20
<b>Base Stand</b>	Yes, 2 angle positions available, Wall Mountable (Wall Mount *sold separately)
<b>QoS</b>	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS
<b>Security</b>	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.
<b>Multi-language</b>	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, Chinese, Korean, Japanese and more
<b>Upgrade/Provisioning</b>	Firmware upgrade via FTP/TFTP / HTTP / HTTPS, mass provisioning using GDMS/TR-069 or AES encrypted XML configuration file.
<b>Power &amp; Green Energy Efficiency</b>	Universal power adapter included: Input:100-240V ; Output: +12V, 1.0A ; Integrated Power-over-Ethernet(802.3af) Max power consumption 6.2W(power adapter)
<b>Temperature and Humidity</b>	Operation: 0°C to 40°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
<b>Package Content</b>	GRP2650 phone, handset with cord, phone stand, 12V power adapter, network cable, Quick Installation Guide
<b>Physical</b>	Dimension: ; Unit weight:1050g ; Package weight:1620g Dimension: 263mm x 210mm x 82mm
<b>GRP2650 Compliance</b>	FCC: Part 15 (CFR 47) Class B CE: EN55022 Class B; EN55024 Class B;EN61000-3-2; EN61000-3-3;EN60950-1 RCM: AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950.1