GRANDSTREAM
CONNECTING THE WORLD

6-line Carrier-Grade IP Phone

GRP2616

The GRP2616 is a high-end carrier-grade IP phone designed with zero-touch provisioning for mass deployment and easy management. It supports 6 lines and 6 SIP accounts while featuring a sleek design and a suite of next-generation features including integrated Wi-Fi, Bluetooth support, 48 virtual multi-purpose keys (MPKs), dual Gigabit ports and more. This device features a 4.3 inch color LCD screen with swappable face plates to allow for easy logo customization and an additional 2.4 inch display screen. 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 GRP2616 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 needs of busy desktop workers and designed for easy deployment by enterprises, service providers and other high-volume markets, the GRP2616 offers an easy-to-use and easy-to-deploy voice platform.

HD

HD audio, handset and speakerphone with support for wide-band audio

6 LINES

6 line keys with up to 6 SIP accounts

Dual LCD screens with digital BLF Keys

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

Integrated dual-band 802.11 a/b/g/n/ac Wi-Fi

Gigabit

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

LCD

Swappable face plates to allow for easy logo customization

Integrated Bluetooth

Equipped with noise shield technology to minimize background noise

Protocols/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV, NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6
Network Interfaces	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
Bluetooth	Yes, integrated
Wi-Fi	Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz)
USB	Yes
Graphic Display	4.3 inch (480x272) TFT color LCD, 2.4 inch (240x320) additional screen
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), VAD, CNG, AEC, PLC, AJB, AGC
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 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
HD Audio	Yes, HD handset and speakerphone with support for wideband audio
Feature Keys	6 dual-color line keys with up to 6 SIP accounts(can be digitally programmed as up to 24 provisionable BLF/fast-dial keys), 5 XML programmable context sensitive sof-tkeys, 5 navigation/menu keys, 10 dedicated function keys for:MESSAGE(with LED indicator),PHONEBOOK,TRANSFER,CONFERENCE,HOLD, HEADSET, MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL-
Base Stand	Yes, 2 angle positions available, Wall Mountable (*wall mount sold separately)
QoS	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS
Auxiliary Ports	RJ9 headset jack (allowing EHS with Plantronics headsets), USB
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, German, Italian, French, Spanish, Portuguese, Russian, Croatian, Chinese, Korean, Japanese and more
Upgrade/Provisioning	Firmware upgrade via FTP/TFTP/TFTPS/HTTP/HTTPS, mass provisioning using GDMS/TR-069 or AES encrypted XML configuration file.
Power & Green Energy Efficiency	Universal power adapter included: Input:100-240V ; Output: +12V, 1A ; Integrated Power-over-Ethernet(802.3af) IEEE 802.3az Energy-Efficient Ethernet Max power consumption 6.1W(power adapter) or 7.8W(PoE)
Temperature and Humidity	Operation: 0°C to 40°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
Package Content	GRP2616 phone, handset with cord, phone stand, 12V power adapter, network cable, Quick Installation Guide, GPL license
Physical	Unit weight:1020g ; Package weight:1650g Dimension: 247mm x 228mm x 82.4mm
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).

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