

Grandstream GRP2616 IP Phone



Product Name: Grandstream GRP2616 IP Phone

Manufacturer: Grandstream

Model Number: GRP2616

Grandstream GRP2616 6-line Carrier-Grade IP Phone

The Grandstream GRP2616 is a high-end, 6-line carrier-grade IP phone designed with zero-touch provisioning for mass deployment and easy management. The GRP2616 supports 6 SIP accounts and a range of next generation features including integrated WiFi, Bluetooth support, 48 virtual multi-purpose keys (MPKs) and dual Gigabit ports. The GRP2616 serves the needs of busy desktop workers and is designed for easy deployment by enterprises, service providers and other high-volume markets.

Grandstream GRP2616 Key Features

- 4.3" colour LCD screen with swappable face plates
- 2.4" additional colour display screen
- 6 line keys, 6 SIP accounts
- 48 virtual multipurpose keys (VPKs)
- Gigabit network port, PoE network port
- Dual band 802.11 a/b/g/n/ac WiFi
- Integrated Bluetooth
- HD audio support
- Encrypted data storage protection

The GRP2616 features a modern, sleek design and benefits from a 4.3 inch color LCD screen with swappable face plates to allow for easy logo customisation. This model also includes 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 centralised 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.

Grandstream GRP2616 Technical Specifications

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

WiFi

Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)

Graphic Display

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- 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)

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,
- Personalised 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 softkeys
- 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

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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 / HTTP / HTTPS, mass provisioning using GDMS/TR069 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)
• 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).

Price: £138.80

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Options available for Grandstream GRP2616 IP Phone :

Wall Mount Kit Required

[GRP-WM-L](#) (+£10.00), Not Required.

Need Product Setup / Training / Support?

Required - 1 Hour (+£65.00), Required - 30 minutes (+£40.00), Not Required.

Compatible Headsets

Grandstream GUV3000 HD USB headset (+£35.00), Grandstream GUV3005 HD USB headset with busy-light (+£68.00), Not Required.